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Entirely Floral.

Established 1871.

# PARK'S FLORAL MAGAZINE.

VOL. XXXIV. No. 9.

LIBONIA, FRANK. CO., PA., SEPTEMBER, 1898.

## Circulation Bulletin.....

**FOR JULY:** Number of copies mailed, of Park's Floral Magazine, as indicated by Postoffice receipts **353,026**

**FOR AUGUST:** Number of copies printed of Park's Floral Magazine, as indicated by press counters -- **362,000**

Address all advertising communications to

**C. E. ELLIS, Advertising Manager,**  
713-718 Temple Court, New York, N. Y.

## Another Bargain Premium.

**12 CHOICE WINTER-BLOOMING PLANTS WITH PARK'S FLORAL MAGAZINE  
ONE YEAR FOR ONLY 25 CENTS.**

THIS MARVELLOUS OFFER GOOD ONLY TILL OCTOBER 15 1898.

Until October 15, I will, for 25 cents, send **Park's Floral Magazine** one year and securely pack and mail the following collection of 12 choice winter-blooming plants as a premium. The plants are in fine condition, and I guarantee them to reach you safely. This is our second great bargain premium. The plants alone are usually sold for from 75 cents to \$1.00. Please note the list:

**Chinese Primrose**, red, white, striped, etc. This is considered one of the best and surest of window plants.

**Begonia**, Angel's Wing, an easily-grown Begonia; red-margined leaves; large rosy flower clusters in winter.

**Begonia** Sandersonii, a crisp, glossy-leaved sort with

rich scarlet bloom; winter-blooming.

**Peristrophe** angustifolia variegata, a fine plant for both foliage and flowers in winter; foliage green with rich golden center; flowers carmine with yellow spot; easily grown.

**Lopesia** rosea, one of our best winter-blooming window plants; rosy flowers in profusion through winter.

**Crassula** cordata, a beautiful succulent, sure to produce large rosy panicles of bloom during winter.

**Lantana**, New Weeping, bears lilac clusters freely during winter; useful for trellis or basket.

**Abutilon** mesopotamicum, a slender-growing Abutilon with rich yellow and vermillion bloom; unexcelled as a winter-blooming plant.

**Justicia** sanguinea, rich pink flowers in gorgeous heads; beautiful in foliage as well as flower; easily grown.

**Peperomia** maculosa, a lovely foliage and flowering plant; leaves oddly striped with silver; flowers in creamy panicles.

**Coleus**, Spotted Gem, a superb variety; golden foliage with rich carmine spots; very handsome.

**Grevillea** robusta, the beautiful Australian Silk Oak; a showy, fern-like plant of easy culture; preferred by some to a Fern or Palm.



If there are any in the above collection you do not want, select a substitute from the following: Double Alysium, Double Althea, Artillery Plant, Fuchsia, any color, Canna, Night-blooming Cereus, Cestrum, Coccoloba, Fern, Geum, Lavender, Chrysanthemum, Old Woman, Rivinia, Senecio, Stapelia, Tradescantia zebrina, Veronica, Acania lophantha, Daisy, Gloxinia, etc.

If you will club with a friend, sending 50 cents, I will send two extra plants to pay you for your trouble. If you send \$1.00 (4 subscriptions) I will add 5 extra plants. But please be prompt. This offer will be void after October 15th. Address

**GEO. W. PARK, Libonia, Franklin Co., Pa.**





SINGLE TULIP.

# All For 10 Cts.

Ten Beautiful Hardy Bulbs, with  
Park's Floral Magazine three  
Months, all for Ten Cents.

Again I have the pleasure of supplying a very choice collection of the beautiful spring-flowering bulbs as a premium, and I trust that very many of the readers will avail themselves of the liberal offer I make, and also secure the names of many new subscribers. The bulbs were grown carefully by Holland florists, and contracted for in immense quantities, by which means marvellously low rates were obtained, and I feel assured that in quality as well as quantity they will delight everyone who receives them. Here is the list of

## Choice Hardy Bulbs.

**Double Tulip**, choice named variety, early-blooming, rich in color, sure to bloom. I have many fine varieties, but the selection must be left to me.

**Single Tulip**, a superb named sort, my choice. I will, however, send an early, high-colored and beautiful variety that will be sure to please.

**Single Narcissus**, *Riflorus*, the superb twin-flowered Narcissus; flowers chaste white with red-edged cup, and deliciously scented.

**Double Narcissus**, the lovely *Gardenia*-scented variety; pure white, highly scented, very double; a very beautiful early spring flower.

**Jonquil**, Giant Yellow, bearing clusters of large golden yellow, deliciously fragrant flowers. Sometimes advertised as Golden Sacred Lily.

**Crocus**, Large Yellow, the most glorious of all Crocuses; each stalk bears a cluster of flowers, large, golden yellow, early and exceedingly attractive.

**Muscari** *botryoides alba*, the lovely new white Grape Hyacinth; an easily-grown, early and very beautiful spring flower; always greatly admired.

**Spanish Iris**, a superb variety of this exquisite species, sometimes called Garden Orchid, because of its charming form and color.

**Eranthus hyemalis**, a very early bulbous flower, golden yellow, graceful and showy; very rare.

**Scilla campanulata**, blue, the celebrated Wood Hyacinth; the flowers are bell-shaped in fine spikes, and quite as showy and beautiful as an Italian Hyacinth.

Fine bulbs of all of the above ten hardy flowers, with MAGAZINE three months, for only 10 cents. Plant them in a garden bed this autumn, and they will greet you with lovely blossoms almost before the snow is gone in the spring. You cannot invest ten cents in a way that will give you more satisfaction or pleasure than in subscribing for the MAGAZINE three months and securing this superb premium. Full cultural directions for indoors and outdoors will accompany every package, and this will insure your success. The collection is quite as useful for blooming in the house in pots, as for planting in the garden.

## GET UP A CLUB.

Any one of the following Choice Pompon Hyacinths mailed for club of two (20 cts.), four for club of five (50 cts.), or all (ten) for club of ten (\$1.00):

**Gertrude**, lovely rose pink, erect, compact spike.

**Sultane Favorite**, bluish pink, fine truss, graceful.

**Veroica**, dark carmine, handsome truss and bells.

**Alba superbissima**, pure white, large spike, fine.

**Paix de l'Europe**, snow white, drooping bells.

**Semiramis**, beautiful bluish white, fine truss.

**Baron von Thuill**, dark bright blue, large spike.

**Charles Dickens**, porcelain blue tinged lilac, fine.

**Regulus**, clear light blue, large, handsome truss.

**La Pluie d'Or**, citron yellow, one of the finest.

This superb collection of Hyacinths may be used either for house culture or bedding. The finest varieties in all the leading colors are included, and the bulbs will, unlike the large Hyacinths, continue to improve from year to year instead of to deteriorate. I heartily recommend them. Send for Blank Lists, Circulars, etc., and get up a club. Do so at once, before the season for planting these grand bulbs is past.

Address,  
**PARK'S FLORAL MAGAZINE,**  
Libonia, Franklin Co., Pa.



DOUBLE TULIP.



DOUBLE NARCISSUS.



SINGLE NARCISSUS.



JONQUIL.



CROCUS.



MUSCARI



IRIS HISPANICA.



SCILLA.



ERANTHUS.



# HERE IS A CURE FOR



# THOSE DREADFUL FITS

"Not to take a cure for an otherwise fatal disease is to commit suicide."



## "Epilepsy Explained"

Illustrated Book,  
Price \$1.  
Pamphlet on  
Epilepsy Free.

If you suffer from Fits, Epilepsy, St. Vitus' Dance, Vertigo, etc., have children or relatives that do so, or know people that are afflicted, My New Discovery, **EPILEPTICIDE**, will cure them, and all you are asked to do is to send for a Free Bottle and to try it. I am quite prepared to abide by the result. It has cured thousands where everything else has failed. Please give name, postoffice and express address

**W. H. MAY, M. D., May Laboratory, 96 Pine St., New York City, U. S. #**

When answering the above advertisement please mention Park's Floral Magazine.

## ABOUT NOVELTIES.

Mr. Park—I see in one of your Magazines a contributor defends the Fairy Rose, saying he has no fault to find with it. He sent for seeds, obtained a plant, which had three Roses at first, and subsequently bloomed well, etc. That is just it. One plant to a packet of seeds which usually contains from twenty-five to thirty seeds. For a bed of Roses, such as is shown in the illustrations, a bushel of seed would be required. Some of your readers have secured three or four plants by the second year. Lucky ones!

The Chinese Lantern Plant "is as easy to grow as a Tomato"; but procure a like quantity of seed, and give them time, like Spain. Even then, as one of your readers says, did anyone ever see one like the pictures, or taste the fruit thereof? The dealer who offered \$50.00 premium for the finest "lantern" was quite safe.

The much sought for Yellow Aster brought me when found two plants from a packet of seeds. One had two flowers on during the winter.

We all hailed with delight the Cupid Sweet Peas. No more bother of strings. How dainty they looked (in the books), like a nest of tiny birds! They proved to look more like a nest of spiders, for they soon turned yellow and brown, sprawled over the ground in a horrible fashion, never thought of blooming, and were pulled up in disgust at last.

So much for novelties. I would advise the readers to frame the pretty illustrations in the catalogues, but be not deceived by them, neither give ear to their exaggerated descriptions. Take in all plants they say are "hardy." Do not waste tobacco on the aphides, for they dote on all members of the Tobacco Plant family, Nicotianas in particular. Snapdragon.

Brooklyn, N. Y., Aug. 11, 1898.

**Educate Your Bowels With Cascarets.**  
Candy Cathartic, cure constipation forever.  
10c, 25c. If C. C. C. fail, druggists refund money.

## DRUNKENNESS IS A DISEASE.

Will send free Book of Particulars how to cure "Drunkenness or the Liquor Habit" with or without the knowledge of the patient. Address Dr. J. W. Haines, No. 439 Race St., Cincinnati, O.

**33 WHEEL FOR 3**  
Surprising? Yes! But a fair and square offer postively limited to only one party in any one town. You pay nothing until satisfied. Write for particulars to Geo. E. Marshall, 108 State St., Chicago

## SUPERFLUOUS HAIR

PERMANENTLY REMOVED.



I suffered for years with a humiliating growth of hair on my face, and tried many remedies without success; but I ultimately discovered the true secret, for permanent removal of hair, and for six years have been applying my treatment to others, thereby rendering happiness to, and gaining thanks of thousands of ladies.

I assert, and will prove to you, that my depilatory treatment will destroy the follicle and otherwise permanently remove the hair forever. No trace is left on the skin after using, and the treatment can be applied privately by yourself in your own chamber.

If you are troubled, write to me for further information, and I will convince you of all I claim. I will give prompt personal and strictly confidential attention to your letter. Being a woman, I know of the delicacy of such a matter as this and act accordingly. Address, inclosing two stamps, **HELEN MARKO, 156K Fifth Ave., New York City.**

## BEAUTY of FACE and FORM can be gained by my treatment; improvement will begin the first day, and after a short time you will delight yourself and your friends by acquiring a charmingly transparent, clean, pure, velvety skin, lustrous eyes, and (if needed), development of the cheeks, neck, etc.

I give my personal attention to you by mail, guaranteeing success; distance makes no difference. Address, enclosing stamp, for particulars, which I will send sealed in plain envelope. **Mme. C. HUNTLEY, Box 8082, NEW YORK, N. Y.**



**FISH!** You will always have success when fishing if you use **CAPE COD BAIT**. It is a powder, few grains of which applied to your bait will attract fish and enable you to get a basket full while some other fellow is securing only a few bites. We guarantee that **Cape Cod Bait** contains NO DYNAMITE, nor any poison that will injure a fish but merely attracts them to the hook as a mouse is attracted by toasted cheese, a cat by catnip, or a dog by anise. We have received hundreds of testimonials regarding our wonderful compound; every body says it is excellent. **Cape Cod Bait** is good for sea, lake, river or brook fishing and never fails to lure fish that come within 10 feet of your hook. One package will last 3 months of heavy fishing every day. Guaranteed satisfactory or money refunded. For a short time, we are selling a 50 cent package for only 10 cents or 3 packages for 25c. In order to introduce our **Cape Cod Bait**, send silver or stamps to **HARTZ & GRAY, Box 407, NEW YORK, N. Y.**

MENTION PARK'S FLORAL MAGAZINE

**WOMEN** Make \$18 to \$60 a week selling our Ladies' and Children's Wear and Specialties. 45p. Cat'g. free. Venus Mfg. Co., Chicago.



# ... CLOTHING ... SALESMEN WANTED.

**\$150.00 PER MONTH** and expenses made by all our active men. We pay many far more.

**We want men in every County** in the United States. If you

will start you at once. No experience necessary. No capital required. We furnish a full line of samples, stationery, etc. A tailor's-for-the-trade complete outfit ready for business. No commission Plan, you regulate your profits to suit yourself.

No house to house canvas. This is not one of the many catchy advertisements for agents, but one of the very few advertisements offering a rare opportunity to secure strictly high grade employment at big wages.

## WE ARE THE LARGEST

**TAILORS IN AMERICA.....**

We make to measure over 300,000 suits annually. We occupy entire one of the largest business blocks in Chicago. We refer you to the Bank of Commerce in Chicago, any Express or Railroad Co. in Chicago, any resident of Chicago. Before engaging with us, write to any friend in Chicago and ask them to come and see us, then write you if it is a rare opportunity to secure steady high class, big paying employment. **BETTER STILL**—come to Chicago yourself and see us before engaging and satisfy yourself regarding every word we say. You can get steady work and big pay. Work in your own county 300 days in the year, and you can't make less than \$5 every day above all expenses.

## WE WANT TO ENGAGE YOU

to take orders for our Made-to-Order and Measure Custom Tailoring, (Men's Suits, Pants and Overcoats). We put you in the way to take orders from almost every man in your county, a business better than a store with a \$20,000.00 stock. You will have no competition.

## WE ARE THE LARGEST

**TAILORS IN AMERICA.....**

of Fine Custom-Made Garments. We buy our cloth direct from the largest European and American Mills. We control the product of several woolen mills. We operate the most extensive and economic custom tailoring plants in existence, thus reducing the price of Suits and Overcoats made in your county will be glad



RIO, WIS., June 30th, 1898.

GENTLEMEN:—In reply to your letter requesting the use of my photograph for advertising purposes, and asking how I am to your using my photograph, as to my measurements that I gladly recommend you. I would add that I have never made less than \$80.00 per month since I received your first outfit, and in the best months have made as high as \$350.00 per month.

Very truly,

E. J. DOYLE.

Should you write Mr. Doyle, be sure to enclose a 2c stamp for reply.

We have hundreds of letters similar to Mr. Doyle's.

to-order to \$5.00 and upward; Pants from \$1.50 to \$5. Prices so low that nearly every one to have their Suits and Overcoats made to order.

## WE FURNISH YOU

A large, handsome leather bound book containing large cloth samples of our entire line of get up, also Fine Colored Fashion Plates, Instruction Book, Tape Measure, Business Cards, Stationery, Advertising Matter, your name on rubber stamp with pad complete. We also furnish you a Salesman's Net Confidential Price List. The prices are left blank under each description so you can fill in your own selling prices, arranging your profit to suit yourself. As soon as you have received your sample book and general outfit and have read our Book of Instructions carefully, which teaches you how to take orders, and marked in your selling price you are ready for business and can begin taking orders from every one. At your low prices business men, farmers, and in fact every one will order their suits made. You can take several orders every day at \$1.00 to \$5.00 profit on each order, for every one will be astonished at your low prices.

## YOU REQUIRE NO MONEY

Just take the orders and send them to us and we will make the garments within 5 days and send direct to your customers by express C. O. D., subject to examination and approval, at your selling price, and collect your full selling price, and every week we will send you a check for all your profit. You need collect no money, deliver no goods, simply go on taking orders, adding a liberal profit, and we deliver the goods, collect all the money and every week promptly send you in one round check your full profit for the week. Nearly all our good men get a check from us of at least \$40.00 every week in the year.

## THE OUTFIT IS FREE!

We make no charge for the book and complete outfit, but as EACH OUTFIT COSTS US SEVERAL DOLLARS, to protect ourselves against many who would impose on us by sending for the outfit with no intention of working, but merely out of idle curiosity, AS A GUARANTEE OF GOOD FAITH ON THE PART OF EVERY APPLICANT, we require you to fill out the blank lines below, giving the names of two parties as reference, and further agreeing to pay \$1.00 and express charges for the outfit when received, if found as represented and really a sure way of making big wages. The \$1.00 we pay when outfit is received does not begin to pay the cost to us, but insures us you mean business. **WE WILL REFUND YOUR \$1.00 AS SOON AS YOUR ORDERS HAVE AMOUNTED TO \$25.00**, which amount you can take the first day you work.

Fill out the following lines carefully, sign your name, cut out and send to us, and the outfit will be sent you at once.

**AMERICAN WOOLEN MILLS CO.,** Enterprise Bldg., CHICAGO, ILL.

GENTLEMEN:—Please send me by express C. O. D., subject to examination, your Sample Book and Complete Salesman's Outfit, as described above. I agree to examine it at the express office and if found exactly as represented and if I feel I can make good big wages taking orders for you, I agree to pay the express agent, as a guarantee of good faith, and to show I mean business, One Dollar and express charges, with the understanding the \$1.00 is to be refunded to me as soon as my sales have amounted to \$25.00. If not found as represented and I am not perfectly satisfied I shall not take the outfit or pay one cent

.....  
Sign your name on above line.

.....  
Name of Postoffice, County and State on above line.

Your age.....

Married or single.....

Address your letters plainly to **AMERICAN WOOLEN MILLS CO.,** Enterprise Building, CHICAGO, ILL

On above two lines give as reference the names of two men over 21 years of age who have known you one year or longer.

On above line give name of your nearest express office.

# PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XXXIV.

Libonia, Pa., September, 1898.

No. 9.

## TO THE DAHLIAS.

Ye lift such royal faces to the light,  
Ye have such wealth of graces ne'er a sprite  
In all the garden of the gods would dare  
So great a multitude of charms to wear.  
My lady blossoms in your velvet gown,  
Smiling, unmoved, though all the heaven frown,  
Ye need no symbol of your high estate,  
Such glory sets apart the truly great.  
Bloom on, nor fear that mortal hand shall smite  
Your regal beauty with the spoiler's blight;  
Bloom on, nor dread the vase-refilling knife;  
Your very grandeur guards the noble life;  
Defy the frost, the autumn's chilling blast,  
And, undefeated, die as queens at last!

Bradford Co., Pa.

Lalia Mitchell.

## PALMS.

**T**HESE pre-eminently useful decorative plants are much misunderstood in the popular mind. They are much easier to grow than is usually supposed, though the treatment commonly

given may account very well for many of the failures. Contrary to the usual belief, Palms do not want a room hot, hardly warm, and they are quickly injured by a dry, hot atmosphere. Palms will thrive in the coolest living rooms, and with comparatively little water. Water does them by far the most good when evaporated into the atmosphere, or when showered upon them. Palms delight in being showered, but they should be kept out of the sunshine till dry. They should have a very heavy, clayey soil firmed well down about the roots. The best sorts for house culture are Kentias, Latania borbonica and Cocos Weddelliana. Mrs. M. H. Durfee.  
Wayne Co., N. Y.

**Moles.**—The moles ruined my flower beds until I bought a Reddick mole trap. I set it according to directions, and my trouble was soon ended. We caught thirty-four of the sleek little fellows. Now when I see where one has been at work I set the trap, and the next time he passes that way I get him.  
S. L. W.  
Polk Co., Iowa.

## CACTI.

**W**HILE crossing the plains, going to and returning from California, I noticed several species of Cactus in North Dakota where the thermometer often shows 40° below. I collected some, but they did not live; but while making exchanges of dried plants with a correspondent in South Dakota I had him include Yucca angustifolia and four Cactuses, Opuntia polycantha, O. fragilis, O. humifusa and Cactus Missouriensis. I put the Yucca in the center of a mound and the Cactuses around. Last year the Cactus had three blooms and the Opuntia polycantha one. This year I have already had three on the Cactus, and I have seventy-seven blooms and buds on the Opuntias, very pretty, and about three inches across. I shall transfer the plants to the rockery in the fall.

A most peculiar thing is to see them prepare for the winter. At the first frost the fleshy joints begin to wither and droop, and they soon lie prone upon the ground, apparently lifeless. Thus they are left without a bit of covering. I reasoned that if they could stand Dakota winters they could stand ours, as their native plains are bare of all vegetation save them at that season. In the spring, at the first warm weather the withered joints begin to swell and resume their former positions, until by May they look as bright as ever.  
Seabrook, N. H. A. A. Eaton.

**Pansies.**—Can anyone weary of Pansies? Their faces are always bright, and such richness of colors—white ones that make you think of April snowflakes, shades of yellow, lavender, pink and purple, and some marked like butterflies. Pansies are the most satisfactory things one can have. I have had all I wanted to pick for the sick, church, Decoration Day, graduation and table, and the bed is not robbed. If you keep adding seedlings surprises will be had every day.  
Eliza Bradish.  
Worcester Co., Mass.



PALM—LATANIA BORBONICA.



## CANNAS.

OF all bedding plants Cannas are to me the most satisfactory. Queen Charlotte grows three and one-half feet high. Its trusses of flowers are large, and borne well above the rich green foliage. The flowers are bright red with a broad yellow border.



CANNAS.

Florence Vaughan attains a height of four and one-half feet, and has lovely yellow flowers thickly spotted with rich red. It has pretty bright green foliage, and is a fine bloomer. My plants of Florence Vaughan have been one constant glow this whole season. Madam Crozy is also one of my best bloomers. Its flowers are bright red with a narrow border of yellow. They are very lasting and of good size. Chas. Henderson grows three and one-half feet high. Its flowers are fine glowing crimson, and are very large. Chas. Henderson increases slower than any Canna I possess.

Rich soil, moisture and sunshine are the requirements of the Canna. All Cannas multiply, and as they are hardy here one soon has fine large clumps. I do not think the Canna is troubled by any insect. At least, mine have never been troubled in the four years past.

Mrs. M. C. Winslow.

Hopkins Co., Texas, Aug. 20, 1898.

**Patriotic Flower Beds.**—In passing many houses we find this season has brought a taste for patriotic colors. In three different yards they were well shown. One bed was red and white Portulaca, with dwarf blue Ageratum for border. As the Portulaca was mixed seed the plants which showed yellow flowers had to be taken out, but the space was soon filled up. Another year the Ageratum should be in the center with the Portulaca outside. The next yard had scarlet Salvia for center of bed, with wide circle of double white Petunias; the margin was of blue Ageratum. The third bed had scarlet Salvia for center, with white Feverfew for first circle mixed with white Asters for late bloom, and marginal row was dwarf Ageratum. Can we find some other blue flower which will work to the same advantage as Ageratum? Aunt Susie.

Beaver Co., Pa., Aug. 5, 1898.

[NOTE.—Blue Lobelia is one of the most beautiful and effective of blue edgings where the climate is cool enough to suit it. Plants are easily raised from seeds sown early in a box in the window or conservatory.—Ed.]

**Weeping Lantana.**—What a lovely plant is the weeping Lantana with its drooping branches and pretty purplish-violet flowers. The culture is similar to that given a Geranium. It is a choice summer plant for pots, the flowers being profusely and continuously borne.

Lacrosse, Wash.

Mrs. J. M.

[NOTE.—The weeping Lantana will bloom well in winter. It likes a warm, sunny place.—Ed.]

## ABOUT LILACS.

THE first hardy shrub one chooses must always be the purple Lilac—just the dear old-fashioned sort that used to bloom in our grandmothers' gardens, sending up its cool purple spikes in pairs and clusters of three, filling all the air with the most entrancing perfume. Lilacs should never be pruned at all, unless some straggling branch needs lopping off. They bloom on the old wood, and the baby blossoms are wrapped up all fall and winter in the brown buds that tip the end of the branches. These must not be disturbed. The shrub grows naturally into neat and symmetrical shapes, often assuming, at a great age, the dignity of small trees. Very young plants do not bloom. Lilacs are fond, as, indeed, are all shrubs, of dishwater and soapsuds. White Lilacs are lovely, delicate things. The long, drooping sprays are waxy white and fragrant. There is also an everblooming variety, but if there is space for but one let that one be the dear old purple sort.

Iredell Co., N. C.

Ellen F. Wycoff.

**Achania malvaviscus.**—Achania malvaviscus, sometimes called Upright Fuchsia, attains a height of five feet here in our sunny clime, and from early summer till frost it is a glow of scarlet and green. A friend near me, who is a subscriber to PARK'S FLORAL MAGAZINE, as most all of my flower friends are, has a large clump of this most beautiful shrub. It is one of the prettiest flowers in her large collection. I find the Achania loves rich soil and plenty of moisture. Old King Winter nips this pretty flower to the ground, but the early days of spring find it up again and as vigorous as ever.

M. C. W.

Hopkins Co., Tex., May 20, 1898.

**Leucojum vernum.**—This beautiful and interesting hardy bulbous plant is popularly known as the Spring Snowflake. It is a native of Germany and Switzerland, where it is found growing wild in the woods and other shady places, and it is also said to have become naturalized in several places in England. In the flower border it blooms late in March or early in April. In color the flowers are white tipped or spotted with green, and are borne in scapes from six to ten inches in height, each scape producing from one to three flowers which possess a very delicate fragrance quite like Violets.

Floral Park, N. Y.

C. E. Parnell.

**Are Poppies Emblems of Sleep?**

—Here are Poppies nodding their brilliant faces to me. Emblems of sleep, they call them, but it seems to me they hold more of the red, radiant hues of the rising sun, and speak more of action than of repose.

Wash. Co., Vt., Aug. 23, 1898.

F.

**Suds for Plants.**—The suds from the washtub are beneficial to many plants if applied in moderation. If too freely applied they will clog up the pores of the soil, and cause stagnation, which is detrimental to most plants.



THE SPOTTED CALLA.

**F**OR the first time in all the years we have owned it our Spotted Calla has bloomed twice in one season. This was probably due to its large size. It is a beautiful foliage plant, and for that reason alone should be cultivated, and those who wish for flowers only had better take something else, for compared with the superb bloom of the Egyptian Calla, these are insignificant. Our method of treatment is to bring the dormant bulbs from the cellar in March, repot in good soil, with good drainage, and set away in a warm corner, not too light, until the top has started well. Then give a sunny space on your flower stand. You can crowd your other plants close around it, as the leaves grow nearly straight up and need no spreading room. The leaves are narrower and longer than those of other Callas, and are a bright green with clear white spots. In June it sends up a flower similar to that of the Egyptian Calla, but not as large nor as wide open. In a few days it changes from white to green, and if left to mature its seeds gradually bends to the earth. After blooming the plants keep their fresh appearance until the heat and drouth of late summer, when the leaves begin to look old, then no amount of water can keep them fresh unless one has a cool, shady place. In autumn, as the leaves begin to turn yellow, water sparingly, and when the weather gets severe remove it to the cellar and let it remain there until spring. Unlike the Egyptian Calla, it is strictly a summer plant, and cannot be made to grow satisfactorily the year round. The bulb is tender and easily frozen, therefore it is better to winter it, as I have suggested, in its pot of earth in a frost-proof cellar. Eva E. Bignell.

Ionia Co., Mich., July 24, 1898.

**Roadside Planting.**—Why not supplement Nature in her efforts to beautify the rural districts with her modest flora, and along the roadside plant some of the lovely cultivated flowers that are not too expensive to risk in the more exposed locations? I have seen Narcissus making most lovely sunshine in the grassy roadside. Crocuses would, no doubt, do the same, and Snowdrops, Scillas and Chionodoxas. These are even earlier than the wild flowers, and just think what a glorious surprise they would be peeping out from under the sunny side of a fence while the snowdrifts were still piled on the opposite side of the road, and what cheer they would give the farmer who is mourning the laggard spring. E. W. P.

Crawford Co., Pa.

**Gloxinias.**—I got two Gloxinias last year that bloomed profusely and were beautiful. In October, when I put them away to rest, I put a leaf from each in one side of a pot with other plants. They both took root, and July 4th I found one of them was full of buds, and I think the other is going to bud.

Josie A. Brainerd.

Chippewa Co., Wis., July 13, 1898.

NIGHT-BLOOMING CEREUS.

**A** NIGHT-BLOOMING CEREUS recently bloomed for me. I was so elated over the marvelous beauty of the flowers that I sent for friends and neighbors to come and enjoy this feast of beauty with me, and surely they enjoyed it to the full. They seemed enraptured with the flowers, and were loth to tear themselves away. They started to go, and came back for one more lingering look and lingered and lingered.

Surely this excelleth all the flowers that bloom on earth. The buds were brown, the sepals yellow, the petals cream which deepened to white on expansion. The long, slender, gauze-like petals were soft



and fair and white as the falling snow. They were so exquisitely delicate it seemed as though a breath of air would dissolve them into mist. One gazed entranced into the deep silken throat lined with the long, white, glistening stamens. These magnificent flowers were scentless, but

there was no need of fragrance where all was more than fair. When fully expanded the flowers measured nearly fourteen inches across, from tip to tip of petals. They opened at eight o'clock in the evening and were fully expanded by ten, and did not close until eight o'clock the next morning. It was a cool, cloudy morning.

This plant is probably ten years old. It is in a fine, thrifty condition. The stems or branches are five-angled. Last summer two flower buds appeared on it, but both blighted and fell off. This summer eight buds appeared, and all save two blighted and fell, but those two were marvels of beauty. I do not know the name of this Cereus. It may be C. Macdonaldi. Will someone kindly enlighten me?

Uhlma.

Riverside, W. Va., Aug. 8, 1898.

**Otaheite Orange.**—I followed as best I knew how the cultural directions in regard to soil, drainage, etc., but in spite of all my care my Otaheite Orange was dying by the inch. Complaining of this to an old flower-loving friend I was advised to take off the dirt on top of the roots without disturbing them, and take some old decayed bones that could be pulverized, and sprinkle a generous layer on the roots, then recover with the dirt. The result was my Otaheite Orange quit dying and began growing, and is now strong and healthy. Mrs. E. R. Behrens.

Llano Co., Texas, July 4, 1898.

**Palms.**—Plunge the Palms in the ground in summer, first putting ashes in the hole. Set in a shady place and water regularly. They will grow rapidly and finely.

Mrs. C. L. Hazard,

St. Louis Co., Mo.

## A WORD OF WARNING.

**A**NTICIPATION is sometimes better than realization, and I proved the truth of this last winter. Early in September, while potting my first lot of bulbs, it occurred to me that a window box filled with them would be a lovely sight about New Year. Accordingly I arranged the colors as follows: In the center two blue Hyacinths; on either side three bulbs of white; outside these two more Hyacinths, pink on one side and yellow on the other; at each end of the box three bulbs Narcissus Paper White. In theory it was all right, but I had quite forgotten the fact that the colored Roman Hyacinths bloom much later than the white, so my box had a prolonged season of bloom covering nearly three months, and while it was very convenient to have the flowers for picking, the blossoms were too scattered to make the show I had anticipated. The yellow Roman Hyacinths are comparatively new, and, while late in blooming they are well worthy a place in the window garden. Plant three bulbs to a pot, and you will have a handsome addition to your stock of plants.

Vancouver, B. C.

J. G. A.

**Arabis Alpina.**—In the premium collection of perennials received last year with the MAGAZINE was a packet of Arabis. What Arabis was I didn't know, but when fall came I found several thrifty little plants with silvery foliage in my seed-box, and these were planted near the edge of my novelty bed. This spring each little plant is loaded with blossoms, and I know now that Arabis is one of the sweetest, daintiest little border plants in the world, and I am sending for more seed so that I can border my bed completely with this pretty early bloomer. It came before the Forget-me-nots, and threatens to out-last them. The white, sweetly-scented blossoms contrast prettily with the Forget-me-nots, and there seems to be a good-natured rivalry between them as to which shall bloom most freely.

Carroll W. Rankin.

Marquette Co., Mich., June 9, 1893.

**Canna Seeds.**—The way I induced Canna seeds to start last spring was to lay a file on the table, and with a pair of pinchers pick up each seed and rub it over the file until I could see the white inside of the seed; then I poured boiling water on them and let them stand until next morning. I planted sixteen seeds in the hot bed and fourteen of them grew. One plant is in flower and another in bud now.

Miss Mary E. Thomas.

Lapeer Co., Mich., July 15, 1893.

**Hydrangea.**—If old iron is buried at the roots of a Hydrangea it will cause the plant to produce purplish-blue blossoms. I have an old rake, hoe and trowel buried at the roots of mine, and it had 150 large heads of beautiful blue bloom. This also seems to develop the blooming qualities of the plant.

E. B. Voorhees.

Hudson Co., N. J., May 16, 1893.

## EARLY SPRING-BLOOMING BULBS.

**N**OW is the time to plant the bulb garden for next spring. Don't postpone this task until too late, as so many do, but have the beds or borders prepared at once, and set the bulbs in their dark homes as soon as possible. Your efforts will be richly rewarded if you do. In this article I shall speak only of the earliest spring-blooming bulbs. They are all low-blooming in habit and perfectly hardy, springing up as soon as winter retreats, and apparently quite indifferent to a few days' snow or a light freeze.

Among these are the single Snowdrop, Crocus, Bulbocodium and Winter Aconite, closely followed by Scilla Siberica, Chionodoxa, double Snowdrop and Roman Hyacinth. The Crocus has large, cup-shaped flowers of blue, yellow, purple and variegated. The Bulbocodium is rich purple, and the Winter Aconite a golden yellow.



WINTER ACONITE.

Roman Hyacinths have large bells borne on loose, elegant spikes; the pure white ones are exquisite (especially for cemetery planting), and the different shades of blue, rose color, white and yellow are very handsome. The little nodding Snowdrops with their green and white blossoms look like tiny sprites of winter, and are very lovely. Scilla Siberica and Chionodoxa bear numerous beautiful star-shaped flowers of a charming blue. All of these low-growing plants look much finer in beds or clumps, massing each one by itself. They are also very effective used as edgings. Crocuses, Snowdrops, Bulbocodiums and the winter Aconite are lovely set on the lawn. Lift a sod here and there, and plant from two to six bulbs in each place. The sod should be worked soft and the bulbs set about three inches beneath the surface of the soil. The sod may then be laid over for a winter protection. They soon become naturalized and bloom beautifully.

Mary Foster Snider.

Wayne Co., Mich., July 29, 1893.

**Forget-me-not.**—If the sister who wishes to know how to make Forget-me-not grow is fortunate enough to have some blossoms with good stems given her, and will cut the leads off and keep the green in water until rooted, then set in the ground, she will have no trouble. My Tulip bed is edged with plants thus grown.

Worcester Co., Mass. Eliza Bradish.



THE CLEMATIS.

Straggling o'er the walls and fence rails,  
With hair of silvery white,  
Though they are such floral old men  
Their hearts are young and light,  
And they laugh with glad good nature  
When winds go hurrying past:  
"We do not mind their rudeness,  
We'll be happy to the last.

"In the spring and sultry summer,  
In coats of living green,  
We loitered by the wayside  
And viewed the pleasant scene,  
Of skies deep blue and sunny,  
And wild birds of the air,  
That charmed with minstrel music  
The Clematis then fair.

"But seasons bring great changes,  
Our hair now silvery gray  
Makes us appear like old men,  
But think of us, we pray,  
As the gay, green-coated rovers  
That gladdened summer scene,  
And brightened wayside places  
Where feebly now we lean,

"And cling to mossy fence rail  
And rugged roadside wall;  
Though we quickly climbed in summer,  
We're timid in the fall.  
For North Wind strong and careless  
Sweeps o'er us rude and bold,  
Respecting not our gray hairs;  
He laughs at flowers old!"

Merrimack Co., N. H. Ray Laurance.

THE SUNFLOWER'S LESSON.

There's a Sunflower down by the garden walk,  
Tall and awkward it stands,  
No bird or bee does it seem to call,  
No wondering glance commands;  
But, in the morn when the sun is high,  
Or low, as the day is done,  
The flower seems watching along the sky,  
And turns its face to the sun.

Its green leaves cluster along the stalk,  
But you could not deem it fair,  
And round about it the children walk  
To gather the Pansies there;  
And it brings no light to a single eye,  
But ever when day is done  
It stands there watching along the sky,  
And turns its face to the sun.

And it seems to say, though we hear it not,  
"The eyes of the world are blind,  
And many a burden would be forgot  
If its shade were cast behind:  
There is always light if you're looking high  
From morn till the day is done,  
And blest is the life that watches the sky,  
And turns its face to the sun."

Florence Josephine Boyce.  
Washington Co., Vt.

ODE TO THE ROSE.

Imperial Rose, thou queen of beauteous flowers,  
Refluent ever are thy petals rare;  
Empearled o'er with dew or summer showers,  
None other bloom to me seems half so fair.

Elysian fields may teem with flowerets rare,  
Mayhap with Roses rich in sweet perfume,  
Whence incense-laden zephyrs, nurtured there,  
Haunt sylvan bowers and kiss each budding bloom.

At flush of dawn or yet at eventide,  
Lo, thy sweet fragrance fills the amber air;  
E'en fabled fields, with all their pomp and pride,  
Ne'er fostered flower that with thee might compare.

Ingledeale.  
Norfolk Co., Mass., July 18, 1898.

LOVE-IN-A-MIST.

Oh, sweetly modest azure flower,  
Secreted in your emerald bower,  
Like Violets dimmed with dew,  
I love you! for you are the dear  
Reminder that you year by year  
In grandma's garden grow.

You call to mind that fragrant place—  
Crown Roses, and the stately grace  
Of Lilies white and tall;  
The Passion Flower and Eglantine,  
The Ivy, and the Jasmine vine  
Upon the garden wall.

You bring those old times back to me,  
The clear spring, and the Willow tree  
With branches sweeping low;  
The graystone house with casements wide,  
The Woodbine climbing up the side,  
The pond where Blue Flags grow.

The fields aglow with Clover blooms,  
Their odor richer than perfumes  
Of Araby the Blest,  
Where honey bees hummed low and sweet,  
And gay-winged butterflies did meet,  
And wood-lark built its nest.

The placid stream that ran between  
The woodlands still and meadows green,  
By shimmering sunbeams kissed,  
The mellow sunsets, twilight dew,  
Are called to mind when seeing you,  
My sweet Love-in-a-Mist.

Washington, D. C. Mary E. Ireland.

CHRYSANTHEMUMS.

An artist's palette is the garden all,  
And each gay dabble of paint  
Is a majestic Chrysanthemum's head.

(Heads aloft, heads hung low,  
Pearl and lilac, orange, red like rare old wine,  
Golden balls, balls of snow,  
Tufts of pink, downy plumes,  
Morning sun, sunset glow,  
Bright Chrysanthemum blooms,

What cheerful colors show,  
Deep spicy green, breath of both fruit and pine  
Full thanksgiving gifts bestow  
When summer's sweeter flowers all have fled.)  
And the finished picture quaint  
Will forever hang fadeless in Remembrance Hall  
Santa Cruz Co., Cal. Marion Howard.

DUSK.

Evening. And purple shades begin to veil  
Day's farewell banners wrought in cloth of gold,

Slowly the modest stars their eyes unfold,  
Sewing the dusk with silver moon-thread pale.

All the day long the gentle souls of flowers  
Vanished in perfume, blest each straying air  
With the perfected sweetness angels bear  
In holy cruise, to anoint our better hours.

Over the mighty prairie, rolling free,  
Night lays her hand in gentle quieting,  
My soul bows low to hear the silence sing  
Its solemn vespers to the world and me.

Elk Co., Kan. Bessie Johnson-Beltman.

THE ANNUNCIATION LILY.

Beside the garden gate  
The Lilies grow,  
The fairest of them all  
Is white as snow;  
From perfumed censer sweet,  
'Neath morning dew,  
It wafts a wordless hymn  
The still air through,  
High, clear and wondrous sweet  
The music swells;  
Methinks within its calyx rings  
An angel's matin bells.

Champaign Co., O. Annice Bodev.

## AUTUMN DAYS.

An artist silent and unseen  
Comes with the autumn days,  
And on the mountain's distant green,  
And o'er the vallies in between,  
A golden glory lays.

With skillful brush each leaf and flower  
Is tipped and tinted well;  
The Woodbine twining o'er the bower  
Hath changed to crimson in the hour,  
Beneath the magic spell.

O, peaceful, dreamy autumn days,  
With mystic gold and brown,  
When bird and insect tribute pays  
To fruit and flower in tuneless praise,  
While autumn leaves float down.

S. Minerva Boyce.

Washington Co., Vt., Aug. 13, 1898.

## SCILLAS.

**SCILLAS** are so pretty, so hardy, and so altogether desirable, that every window garden should possess a few for winter-blooming, and every bulb garden several clumps or a bed of them. They are easy to grow and sure to bloom in either situation. They soon establish themselves as indispensables wherever known. *Scilla clusi* is a splendid winter-bloomer, and undoubtedly the finest species known. The bulbs are large and vigorous, producing luxuriant and handsome foliage, and an immense umbel of reddish-blue star-shaped flowers, of very beautiful and uncommon appearance. They remain perfect for a long time, and this makes them especially desirable for the window. In the garden it is equally beautiful and an early bloomer. *Scilla Siberica* is better known than *S. clusi*, and while not so beautiful as its stately relative, is nevertheless a very charming plant, bearing many small spikes of lovely blue star-shaped flowers.

The *Scillas* are particularly fine for edgings, and when well-established are a mass of exquisite bloom for a long time. Plant them abundantly, in thick rows or groups, so that the blossoms mass together. Planted singly they do not produce nearly so fine an effect. *Scilla Siberica* planted with *Chionodoxa* in a low bed or border will prove a lovely mass of blue in early spring, when the eye has grown weary of the monotonous winter landscape. It is also very pretty planted among *Snowdrops*, and as these bulbs can be bought by the hundred at a very low rate everyone should try to plant a number of them.

Mary Foster Snider.

Wayne Co., Mich., July 29, 1898.

[NOTE.—*Scilla Clusi* is the same as *S. Peruviana*. It is truly a pretty, sure-blooming bulb for the winter window.—Ed.]

***Ornithogalum arabicum***.—This hardy bulbous-rooted plant is commonly known as Star of Bethlehem. It is a native of Europe, has grass-like leaves six or eight inches in length, and the flowers are freely produced during the months of May and June, in umbels, on a scape from six to ten inches in height. In color they are of a satiny white with a green stripe on the outside.

Chas. E. Parnell.

Floral Park, N. Y.

## BY THE WAYSIDE.

**J**UST across the way a waving mass of blue and pink and white shows where the "queen of the household" dumped her Larkspurs that had gone to seed, and were no longer beautiful in the garden. Winter covered it with a warm blanket, and the rain and sun of spring-time gave it life and beauty. Two clumps of Corn Lilies also grace the spot, and make quite a flower garden.

Flowers by the wayside would be a pleasing sight to the majority of travellers, and as it is such an easy matter to put them there why not make the waste places beautiful. I do not mean to suggest any extra labor for the toil-worn flower-lover, but just scatter a few seeds here and there in nooks and corners and by tiny rills. There are so many kinds of annuals that will seed themselves and grow year after year. Not as nice, perhaps, as when cultivated, but ever so much better than nothing. Larkspurs, Cosmos, Petunias, Phlox Drummondii and Portulaca will grow and bloom with no care whatever. Even in the sod the seed will grow and bloom, often not larger than the grass itself, but then they are flowers. I must not forget the Bachelor Buttons that are equally as good at seeding themselves, if only a few seeds can escape the eyes of the little yellow bird. He loves them as well as we do the flowers, and will sit down among them as soon as the petals of the first flower drops, and sing and call until a whole flock comes to taste the seeds. But in our garden he is good enough to leave a few seeds for the next season, so we always have the Bachelor Buttons and the birds.

Let us thank God for the flowers and the birds, and if we are true lovers of the beautiful in nature we will do all in our power for the preservation of the lives of both.

Ionia Co., Mich.

Eva E. Bignell.

**Amaryllis**.—My *Amaryllis amabilis* or Milk and Wine Lily still continues hardy, and blooms every summer in the garden. Every November I cover it well with manure, put a box over and straw or hay over the box, and it comes up all right the last of May and blooms in July. I have now another *Amaryllis* which is also hardy, but the flowers are larger and paler, a very delicate pink color. The leaves appear in spring and die off in August, and the stalk comes up with about five buds on top. Unlike *A. amabilis*, however, there is no perfume.

Tusket, N. S.

Mrs. E. G.

## Refining Influence of Flowers.

—Many do not realize the refining influence of flowers, yet I think the world today is growing better from the combined influence of the earnest endeavors of those who do love and grow and distribute the beautiful blossoms which our kind Heavenly Father has given us to brighten and cheer our homes and the homes of our less fortunate friends and neighbors, with whom we are so glad to share our treasures.

Mrs. Geo. McLaughlin.

Santa Clara Co., Cal., June 10, 1898.



**SLITTING BULBS OF SACRED LILY.**

I HAVE been told, time and again, that the bulb of the Chinese Sacred Lily should be slashed when started, as it would then throw up several more flower stems. In fact, I have read such directions from ladies who always have them for winter flowering, and year after year I have "slashed" them faithfully. Last year, as my bulbs were starting, a Chinese washerman declared to me that they ought never to be cut. He was emphatic in his pigeon-English, so as I had started my Lilies earlier than the other bulbs I had more time to observe them when they bloomed. From every cut shot out great green leaves until my pots were a mass of fresh greenness. But now let me repeat the Chinaman's advice, and let me emphasize it, never slash a Chinese Lily bulb. Not one blossom came from any of those offsets where the bulb was cut. In fact, I don't believe, now that I think of it, that I ever saw a bloom from such a side shoot, and of course the strength of the bulb is all sapped by this extra growth of leaves, and the flowers suffer because of it. What bloom there is is far inferior to that from an uncut bulb.

Break off the little bulbs at the sides of the large one, and plant in earth for next year's blooming, then set your large center bulb, in water or earth, leave it in a warm, dark place till well rooted, and then bring to the light. In this way you get the most luxuriant bloom.

Eastern sisters may not know that here some Chinese laundrymen make a New Year's gift of a Lily bulb to each patron. Dubuque, Iowa. Maude Meredith.

[NOTE.—If the strong side bulbs are allowed to remain attached to the large bulb they will often bloom satisfactorily after the main bulb has developed its flowers.—Ed.]

**Cacti.**—Prickly Pear Cactus is common here, and is fed to stock when there is no grass, the thorns being first burned off. The cattle like it when partly cooked. We have another Pear Cactus without thorns, and a variety of other kinds, all perfectly hardy. Sleet and snow never hurts them, and the beautiful blooms they bear are often wonderful. We have one kind that is rather scarce, and grows mostly on mesquite flats. It bears small oblong berries which are good to eat. The children are very fond of them, and can never find enough. I have a line of different Cactuses just inside the front fence, and each time I see a new one I dig it up and bring it home. Mrs. E. R. Behrens.

Llano Co., Texas.

**Sweet Alyssum.**—Last fall I put a plant of Sweet Alyssum in a pot for winter. It soon began to grow and bloom, and was constantly in bloom during the winter. I pulled from it many nosegays for friends. This spring I set it in the garden, and it has been a mass of white bloom all summer. After this I will not consider my winter collection complete without it.

Mrs. George Griffin.

Fulton Co., N. Y.

**NICOTIANA AFFINIS AND OTHER FLOWERS.**

EIGHT years ago I received a tiny plant of *Nicotiana affinis*, sent among the premium plants for the FLORAL MAGAZINE, and would like to tell you of some of the lovely beds we have had of it. As the roots increased from



NICOTIANA AFFINIS.

year to year I have divided and given away quantities of it, but as it increases so fast I always have plenty for all. One year I made of it a hedge to divide the flowers from the vegetable garden, then planted a row of red Four-o'clocks in front. It was very beautiful. The next year they were in a large round bed bordered with Gypsophila. This year we have a long row from the house to the gate, about forty feet; then, next, a row of scarlet Salvias with graceful drooping spikes; then a row of Snow Queen Pinks, some as large as a teacup, and very double and fluffy. The Pinks are next the walk, and on the opposite side of this walk are rows of other Pinks, mostly Salmon Queens, then a large bed of Geraniums, about a hundred, hardly two alike.

I have not mentioned the beds of Coleus, Double Petunias, Verbenas, Pansies, Sweet Peas, Poppies and Nasturtiums which I have, but the children say "Mamma's *Nicotianas* are sweetest of all." The only insect that troubles them is the potato beetle. One dose of Paris green usually settles them, so we enjoy our beauties in peace. Mrs. Ida Helms.

Barron Co., Wis., Aug. 18, 1898.

[NOTE.—*Nicotiana affinis* is also sure to bloom satisfactorily in winter in the window or conservatory, if well started in autumn, so that buds are forming when winter sets in.—Ed.]

**Seedling Palms.**—I now have four seedling Palms. My Date Palm is nearly three years old, and is just getting its fifth character leaf. All that I have grown start with a very narrow leaf, the next is a little wider, and they continue to increase in width till the sixth or seventh, when they are about one and a half or two years old, and the true character leaves appear. I have three of that age on which the first true character leaves are just showing—in every case it being the seventh on the plant. My plants have had no resting times, but have grown slowly and continuously. I give them no special care. Our house is warm, so they need considerable water. For soil I use mostly leaf mould for them.

Mrs. M. A. F. Desper.

Worcester Co., Mass.

## PHLOX SUBULATA.

**T**HERE are several species of perennial Phlox found in the Northern States that are exceedingly beautiful. Phlox maculata, which grows so freely in bogs in Pennsylvania and Virginia, and forms such showy pink clumps during the summer months; Phlox divaricata, which carpets the moist spring woods of northern Ohio and Michigan with masses of rich purple bloom; and Phlox subulata, which forms, in New York and west, mossy tufts of green foliage, beset with rosy bloom in early spring, are all worthy of culture. Other species in the South and West are handsome, but not so well known.

Specimens of Phlox subulata are often submitted for naming because of the delicacy and beauty of the foliage and flowers. The plant is of low, tufted, creeping habit, with crowded, awl-shaped leaves, and depressed clusters of rosy flowers with dark eye. The buds are convolute or twisted, and the petals are wedge-shaped with a notch at the end, as shown in the sketch. The plants are valuable for edging a bed, and do well under cultivation, being of easy culture, and perfectly hardy. The beauty and utility of this species recommends it to all who wish an everblooming spring edging.

**The Aster Borer.**

—A new pest has come in the form of a borer which attacks the Aster, Coleus and other plants. It enters the stalk near the top of the ground, and often no indication of the work is seen until the plants begin to wilt. Sometimes they droop for several days when the sun shines on them, reviving at night, as if the trouble was caused by heat or drought. All this time the borer is at work, and in a few days the plant succumbs. Often the plant is so nearly eaten through that a slight wind will break it off. A good remedy for these borers is a weak solution of Paris green—a heaping teaspoonful in three gallons of water. Pour this all around the plant so as to soak into the soil near the diseased spot. Apply once in four or five days. Pour some of it around the plants that show no traces of borers, and save trouble with them.

Bernice Baker.

Winnebago Co., Ill., July 13, 1893.

**Swainsonia alba.**—There seems to be so much complaint about Swainsonia alba, but I have no reason to complain. Mine is now three feet high, and has four bunches of bloom and as many of buds. It is in rich, sandy loam, and likes plenty of water, but not every day. I let it get quite dry, then give it a good soaking. It has bloomed for me all I could ask.

Dunksburg, Mo.

M. D. S.

## FALL-SOWN ANNUALS.

**M**ANY annuals do well from fall-sown seeds, and come into bloom several weeks earlier than plants from seeds sown in the spring. Any lengthening of the blooming season in this northern State is a satisfaction, for the time of summer flowers is all too short at best. All of the following kinds sprang up this year in our garden from fall-sown seeds, and well repaid the little care and forethought required:

Pansies came earliest into bloom, some lovely purple ones appearing on the first day of April, before the wayside snowdrifts had melted. These bloomed uninterruptedly throughout the season. Early Pansies are much larger and finer in every way than those that bloom later, when the warm days come. Scarlet Salvias showed their velvety tufts very early, and were tipped with flame before their spring-sown sisters were half grown. The many-hued, chiffon-robed Poppies bloomed several weeks in advance of the Poppy season, and a clump of yellow Coreopsis lighted up the garden in early summer twilights. Coreopsis should be grown in a dense clump, with the slender stems supported in some way; a barrel hoop set in crooked sticks a foot or more high does nicely. Surround them with white Candytuft and border the whole with pale blue Ageratum. Candytuft blooms very early from fall-sown seeds, and the Ageratum will come into flower in a few weeks after sowing in the spring. A group of Carduus made a pretty show with their long, silver-marbled leaves.

The flower buds should be removed as soon as they appear. Nicotiana, Matricaria and Phlox grew rapidly, and bloomed so early that they were like unexpected but fondly-welcomed guests. We always provide for an abundance of Matricaria; the pure white double blossoms are so fine for bouquets, as well as beautiful and lasting in the garden. Asters flaunted their great feathery tufts by the middle of July, and were almost as fine as Chrysanthemums. Portulacas rioted all over their bed. Amaranthus appeared as if by magic, and soon grew into green and crimson shrubbery. Annual Chrysanthemums, Artemisia and Ambrosia came up so thickly that dozens of them had to be pulled up. Single Petunias, crimson, pink, purple, white, striped, blotched and fringed, were ready for transplanting by the time the spring beds were spaded. Snapdragons came up in profusion. Sweet Alyssum was in bloom before the bedding plants were carried out. Where it is impracticable to have perennials, these annuals will prove quite satisfactory substitutes.

Mrs. W. A. Cutting.

Carroll Co., N. H.



Phlox  
Subulata



CAPE JASMINE.

EXPERIENCE WITH DAHLIAS.

THE Cape Jasmine, *Gardenia florida*, is the pride evergreen shrub of all Southern yards. It requires little attention, and is hardy except in very severe winters, when the tender plants must be protected. The foliage is of a beautiful glossy dark green the entire year, and makes the flowers, which are pure white, extremely double and deliciously fragrant, appear much more beautiful by the contrast. The buds, which begin to show at the tips of each branch in early spring, are sometimes bitten by the late spring frosts, which causes them to drop off, but they are soon followed by others which open so quickly it seems as if they were trying to make up for lost time. After blooming all spring it takes a short rest in the heat of summer, but resumes blooming in early fall and continues till stopped by frost.

I have two very successful methods of rooting Cape Jasmine, by layering and by cuttings. In layering press the limbs to the ground without breaking them, and put enough rich soil on them to keep them in their places, leaving the growing end uncovered. The other way is to take cuttings after the blooms have faded. Strip the leaves off the lower end, and put the cuttings in a large-mouthed bottle filled with water, then plug the mouth of the bottle around the cuttings so as to hold them steady; place the bottle in the sunshine where it will not freeze, and by spring the cuttings will be nicely rooted. It is impossible to praise or recommend this plant too highly, as its flowers are very fine for cutting, retaining their color and fragrance for a long time.

Mrs. H. D. Crisler.

Hinds Co., Miss., July 9, 1898.

**Remedy for Moles.**—I really have found a way to "run" the moles. Buy ten cents' worth of moth balls, such as merchants put among their woolen goods, and when you find a runway open it at either end, taking care not to press it down anywhere, and after wrapping a strong, stiff piece of paper around one of the balls, leaving both ends open, just as if you had inserted the balls in a miniature stove pipe, lay in the opening you have made, having the open ends of the paper the way the hole runs, and the odor will follow the little tunnel, and the moles won't come again till the moth ball evaporates which is usually in about a year. Tin foil is better than paper to wrap the moth balls in, as it keeps out the moisture.

Amy Henderson.

Burke Co., N. C., June 17, 1898.

**Rudbeckia Golden Glow.**—A small plant of this purchased this spring has thrown up two stalks six feet high and crowned with hundreds of buds. It is on a bank wall, and I think the position too high. It is a grand plant for massing on extensive lawns, or for backgrounds.

Eliza Bradish.

Worcester Co., Mass., Aug. 5, 1898.

SEVERAL years ago a friend gave me tubers of a choice Dahlia. I planted them in a flower bed, as we had been in the habit of doing with others previous years. After a long time two tiny stalks came up and grew very slowly. About the last of September two blossoms came out. They were such a rich, dark velvety red and so double that we quickly decided to give the plants a better location the next year. So next season we planted them close to the house where our cabbage bed had been. This place was spaded up, and some chip manure and loam from the garden carefully worked through. About the first week in May we planted the tubers, setting them deep and watering abundantly. When the soil appeared dry we loosened it, being careful not to break any sprouts, which sometimes are two weeks in coming up. After the sprouts came up, we hoed and watered often. How rapidly they grew, and the first blossom opened in July. I do not disturb the dirt after flowers appear, but water freely either in the morning before the sun gets very warm or at night. I have counted over forty blossoms on one plant at once, one protected enough to prevent frosts injuring it until late in October, after others that seemed more vigorous are killed. When the tubers are taken up lay in a cool, dry room, and thoroughly dry off before putting away in the cellar to prevent rot.

Tuscola Co., Mich.

Amy.

**Rose Pests.**—I have three old-fashioned Roses—White, Blush and Cinnamon. First came the white lice, and when the currant bushes were treated with hellebore the Roses got sprinkled, but without effect. Then the green aphid came, and they thrived on the poison, soot and wood ashes that were dusted on them. Tobacco water finally put an end to these two pests. A green worm began eating the leaves, and paris green was applied. The neighbors wondered how I kept the worms off and had such large, perfect blossoms. I told them if they worked as hard, and spent enough for poisons, theirs would do as well. At last, however, the rose-bugs made their appearance and got the best of me in spite of kerosene emulsion and hand picking. I have always wanted fine Roses, but last season cured me.

E. B.

Worcester Co., Mass.

[NOTE.—A portable frame covered with an "invisible" wire screen of fine mesh placed over the Rose bed will effectually keep out the Rose bug. It may be made in parts to hook together, so that it can be put up promptly when needed, or taken down and stowed away when its use is not required.—Ed.]

**Nasturtium Salad.**—A pretty and delicious salad can be made of the leaves and flowers of the Nasturtium. It needs only a plain cold dressing of egg, vinegar and salt, or sugar if preferred. The seed pods when green make good pickles.

E. C. T.

## VOLUNTEER SWEET PEAS.

## SOWING SEEDS.

**L**AST year the Sweet Peas in my garden were most beautiful and abundant, giving me a fine second crop of blossoms, which I allowed to go to seed. When digging my trenches in October, intending to let them lie fallow until March, I was compelled to dig up many vines. I always feel a pang when I uproot a plant, but I satisfied my feelings by saying "Never mind, little thing; you couldn't live through the winter anyhow." But those that I left or that came up afterward did live through the winter and the cold snaps of early spring, when the thermometer was down to 26° in the early morning, and I don't know how much lower in the night. On an average we had a mild winter, with very little snow; but in February and March we had some periods of intense cold, alternating with almost summer heat. This was extremely disastrous to some vegetation, but the volunteer Sweet Peas grew as never Sweet Peas had grown for me before, and I rejoiced in blossoms on the fourteenth of April. From this until July they were a mass of bloom. I never could gather enough to make any appreciable difference in the display. The vines attained over five feet in height, and were most remarkably sturdy. Even seeds that had rolled down into the orchard grew and bloomed without water. If I could have had plenty of water after the hot weather set in I believe I should have a magnificent second crop of blossoms now. Strangely enough the seed I sowed with great care has been an entire failure. I don't know whether to depend on a volunteer crop for next year. I fear our ordinary winter would be disastrous.

Mrs. Gertrude Hall.

Placer Co., Col., July 15, 1898.

**Manettia bicolor.**—I start a new slip early in spring under a drinking glass. When it starts to grow I put it in a gallon pail, and put up a frame about three feet high and fifteen inches wide at the top, give it good rich earth, good drainage, lots of water, a north window, and in about three months' time it is a thing of beauty and remains a joy all winter, bearing hundreds of pretty, bright blossoms. Some say shift from a small pot to a larger one as they grow, but I find by experience that it is no easy matter to shift a thrifty vine, frame and all, without injury. Remember, it does not want lots of sunshine. A north window or the shady side of an east one suits it best.

T. G. K.

Hamburg, Mich.

**Hydrangeas.**—I have two Hydrangeas—pink and white, and both are masses of bloom. The pink one is the larger. It stands in a wooden tub holding about a bushel. I give them very rich earth. In the winter I give them a good quantity of pulverized charcoal, and to each about two quarts of ashes and plenty of soapsuds. If the pot has good drainage it is hardly possible to give a Hydrangea too much water. If it gets dry the flowers blast.

Geo. Mansfield.

McIntosh Co., Ga., July 13, 1898.

**M**ANY people unused to sowing flower seeds find it somewhat perplexing business. The following method suits me best: Bake equal quantities of good garden loam and chip dirt or woods earth; rub both through a sieve or wire screen in order to rid them of coarse matter; have the dirt just so moist that you can form a lump by compressing a handful, and yet be able to crumble it easily. Then with some of the baked woods-earth mix at least one-fifth as much sand for surface soil. Now get boxes from two to four inches deep. Have several holes in the bottom and provide thorough drainage. Spread a thin layer of gravel over the bottom of the boxes, over this place a layer of the prepared earth, and over the surface spread a layer of the woods earth and sand. Now press the dirt to make it firm and smooth, but not hard. Cover such seeds as those of Pansy, Carnation, etc., to the depth of one-eighth inch, firm gently, after which sprinkle lightly with a whisk-broom and cover with a damp cloth. If the cloth comes in contact with the soil, place a couple of sticks across the box, over which lay the cloth. Maintain an equable temperature and an even degree of moisture.

As soon as the plants appear give them plenty of light, but if the sun be very warm shade them with tissue paper placed over a pane of glass. Verbena seeds do not germinate evenly, and to prevent the first plants from growing spindling they should be placed in the light, and the dish have tissue paper tied over the top; this gives plenty of light to the plants and retains the moisture in the soil, thus keeping it favorable for the germination of the remaining seeds. The soil should be kept moist, but not wet. When the soil requires frequent watering place the dish or box in water, that moisture may be drawn up through the bottom till the surface soil becomes moist.

Fine seeds should merely be pressed lightly into the soil, as even a slight covering oftentimes prevents germination. Do not let the plants crowd each other, as this will cause them to grow spindling or damp off. For seeds the size of Cockscomb cover to the depth of twice their thickness. Dahlia seeds should be covered even proportionately deeper than this. Cover Ricinus or Castor Beans one inch, Nasturtium seeds one-half inch, Sweet Peas about two inches deep in light soil. Sweet Peas should be sown in March or early in April. Poppy seeds should also be sown early, and should be merely scattered on the surface of the soil. Poppies, Sweet Peas and Nasturtiums should be sown in the open ground. Many sow all of their seeds in the open ground, but it is not well to risk the choicer kinds that way. It is not only safer to sow them in boxes, but much easier, to my mind than to weed the little seedlings in the out-door beds. Also when started early in boxes the plants will make good to withstand the dry weather, and bloom well through the summer months.

Lake Co., Ohio.

roy J. Crocker.



# THE LILY'S DEBUT.

In the garden was a hubbub,  
And I wondered what it meant,  
For the Morning Glory shouted  
Till she all her trumpets bent.

In their beds the crimson Poppies  
Opened wide their sleepy eyes,  
And the Pinks and Coreopsis  
Looked about in glad surprise.

And *Petunia grandiflora*  
Striped and crimped and rosy red,  
Looked around and whispered something  
O'er the *Phlox Drummondii* bed.

And the *Canna* tall and stately,  
With a majesty most bold,  
Bowed her head and looked right over  
Candytuft and Marigold.

To their wire netting clinging,  
Sweet Peas waved their arms to me,  
And in sweetest accents whispered,  
"Down this way, just come and see!"

Down the path by *Gladioli*,  
By the Mourning Bride I ran—  
'Twas the Golden-banded Lily.  
Regal Lily of Japan!

Bethel, Vt.

I. L. L.

## FOUR OF THE INDISPENSABLES FOR SUMMER BLOOM.

**P**ETUNIAS are easy of culture and sure to grow. If you give them but half a chance they will produce great masses of bloom the whole summer. They do well if the seeds are sown where the plants are to bloom. They will do even better if the seeds are started in a hot-bed or in boxes in the house in March, and transplanted a foot or even two feet apart. Petunias like a rich, loamy soil and plenty of sunshine.



PETUNIAS.

Sweet Peas are my favorite summer bloomers. The seeds should be sown early in spring, or they can be sown in the fall.



SWEET PEAS.

Opinions differ as to the culture of the Sweet Pea. One thing is sure, if the bloom is desired in autumn the soil should not be too light, and if planted in light, porous soil they should be planted deep, say six inches. If a good fertilizer is not placed in the trench the plants should be frequently

watered with manure water during the summer, and kept well mulched.

Pansies should always have a cool, partially shaded bed. For summer blooming

the seeds may be sown in a hot-bed or a cold-frame, or in boxes in the house, in February or March, and transplanted. Although Pansies grow and bloom in sunshine or shade, they do best where they are shaded only during the hottest part of the day. Pansy seed sown in June and July will blossom in the fall. If sown in the fall and protected they will bloom early next spring. The soil should be very rich, and mixed with leaf-mold and woods earth.



PANSIES.

The seeds of *Nasturtiums* should be sown in boxes in April, and transplanted late in May. They do best in a poor, gravelly soil, as rich soil will cause them to "run to leaf." The dwarf variety is beautiful for bedding, and the climbing *Nasturtiums* will completely metamorphose the appearance of an old stump or other unsightly object. They will bloom well in the shade, but do best in the sunshine. *Petunias* and *Nasturtiums* are both good bedding annuals for hot, dry situations.



NASTURTIUMS.

Champaign Co., O.

[NOTE.—The flowers above described are well termed indispensables. They should be freely grown at every home, being easily propagated from seeds. Too often the energies of the amateur are wasted upon an innumerable variety of showless flowers. A small bed, at least, given to each of the more attractive and easily grown flowers will afford more pleasure and satisfaction than a host of the flowers ordinarily catalogued grown as single specimens.—ED.]

**Dahlias from Cuttings.**—Not long since a florist asked me if I knew that slips of Dahlias were easy to root, and on my expressing some doubt he cut the top from a fine young plant and gave it to me with instructions to use it the same as I do nearly all of my slips. The slip should be cut from the top of the plant just below the second pair of leaves and as near them as possible, and they should be at least four inches long. Put the slips in a dish or pot containing some well washed sand, and keep quite wet. In a short time they will be well-rooted.

Empire, Me., June 13, 1898.

**Perennial Pea.**—This has done well for me, beginning early in spring and blooming all summer. It was loaded with bloom most of the time. I like it as a plant, and admire it as a flower.

Dunksburg, Mo.

M. D. S.

## THE SUN'S GIFT.

There is not as much gold in the sun, I ween,

As I saw there yesternorn,  
For out in the field that was wide and green

A glory anew is born,  
And Buttercups dotting the meadow there  
Are holding sunbeams up in the air.

The little gold faces are bright, more bright

Than you ever would think they could be,  
And the sun was kind when he gave them his  
light

To brighten the meadow, you see;  
But there's not so much gold in his purse, I ween,  
As there was when the big, wide fields were green.

*Florence Josephine Boyce.*

*Washington Co., Vt.*

## BULBS.

IT would not be easy to tell one-half the pleasure my flowering bulbs gave me and others last winter. From them I had profuse and continued bloom, in marked contrast to most of my plants, which, owing to the continued cloudy days, simply refused to blossom.

My White Roman Hyacinths were beautiful during the holiday season. One gets best results from these by planting several together, as the numerous slender stems of dainty white bells are charming in masses. One dish containing four bulbs had eight large spikes and some small ones in bloom at one time. Like most other bulbs they retain their freshness much longer if kept in a cool room.

I made a mistake in putting bulbs of Paper White Grandiflora and Double Roman Narcissus in the same jar. Both are classed as early bloomers, and I knew the Paper White could be had in bloom by Thanksgiving, but the Double Roman proved somewhat later, and though a fine flower does not compare with the Paper White in profusion of bloom. From personal observation I think this Narcissus is identical with the so-called Japanese Double Sacred Lily, in every respect but its price. The golden blossoms on mine shone out as bright as garnered sunshine later in the season, January and February seeming their chosen time. To get the best results from these bulbs pot them in loose, sandy soil, and keep in the dark till after the holidays.

For three years I have been trying to get Freesias to bloom for me, but for two seasons only slender graasy blades of green repaid my efforts. But it pays to persevere; for January of this year I was the happy owner of a jar of blooming Freesias, whose delicious fragrance filled the house. It is not a heavy odor like that of the Dutch Hyacinth, but a spicy perfume that adds the finishing point of perfection to this dainty flower. Some requisites of successful culture are, the best bulbs to be had, early planting, sunlight, soft, rich soil, preferably woods earth, plenty of water, and a cool atmosphere.

Allium Neapolitanum was one of the most satisfactory of bulbs, and a sure bloomer. It seems almost incredible that such tiny kernels, at best not larger than a shelled hickory nut, should produce such vigorous stems, such long onion-like leaves, and blossom stalks twenty inches high.

Mine were planted in a pot which contained tubers of Boston Smilax, and the effect was very good indeed, the clustered white stars of the Allium finding a fitting background in the glossy green of the Smilax.

Through February I revelled in the gorgeous colors of the Dutch Hyacinths, and contentedly watched the swelling buds of yellow Daffodils, and said over softly to myself "Surely it pays." The care and expense are as nothing compared with the results. The bringing forth of all this harmony in color and form is part of our work, for there is a harmony of sight as well as sound, and both are essential. Flowers are the "passing notes" which lead one's thoughts from "the things which are seen" to the invisible Principle of all harmony—God.

*Mrs. Evelyn W. Brooker.*

*Oneida Co., N. Y., Feb. 19, 1898.*

**Cosmos.**—I have noticed that plants of Cosmos from seeds the first year from seedsmen are apt to run to vines and be very late in flowering. Plants from seeds collected from these, however, will bloom quite early the following year. Cosmos is a native of warm countries, and is used to long seasons; but it readily adapts itself to circumstances. A very rich, wet soil tends to produce foliage, while poor soil brings flowers. This year I got some fresh seeds from the florist, and wishing to have some flowers early I sowed them in March in the greenhouse. It was too early, and I lost many by damping, and the rest, having a very shallow depth of soil, grew but slowly, and when planted out in May were four to six inches high and budded. They began blooming June 11, and I have had Cosmos ever since, the plants growing and blooming continuously. Moral: Starve them into blooming. *A. A. Eaton.*

*Seabrook, N. H., July 8, 1898.*

**Ivy Geraniums.**—I have five varieties of Ivy Geranium, Gen. Champient, Souv. de Chas. Turner, Joan de Arc, and two varieties of single pink. I plant in something tall, in good soil, and in a sunny location. They want plenty of room and sunshine. I have had from fifteen to twenty bunches of bloom at one time on a single plant. They begin to bloom about June first, and never stop till Jack Frost lays his icy fingers on them. I start one fresh every summer, and so have nice young plants every spring to set out. Do not pet Ivy Geraniums, for they are as easily spoiled as children, and they thrive better when left more to themselves. I do not water mine unless it does not rain for quite a while. They do not mind dry weather when in the yard.

*Nodaway Co., Mo. Alice M. Peters.*

**Weeds.**—Chinese Lantern Plant and Strawberry Raspberry have proven tormentingly prolific weeds with me. It is almost impossible to eradicate the roots. Neither of them has proved in the least satisfactory.

*E. B. Voorhees.*  
*Hudson Co., N. J., May 16, 1898.*



IN MY GARDEN.

When morning sunbeams kiss the earth,  
And dewdrops brightly glow,  
I haste to see what floral birth  
My garden treasures show;  
And there through all the matin hours,  
I gayly take my way,  
Life seems so bright among the flowers,  
So full of joy the day.

But when the evening shadows close,  
O, then my step grows slow,  
'Tis hard to bid good-night to those  
The morrow shall not know;  
Through midnight skies the angels come,  
O'er paths they oft have trod,  
With tender hand transplanting some  
To grace the fields of God.

Bradford Co., Pa.,

Lalia Mitchell.

SOME SMALL BULBS.

VERY soon it will be time to consider our window plants, and I will urge plenty of the small bulbs, so cheap that anyone can have them, and making the sitting room such a cheerful place in gloomy February and March when we so long for spring. We



CROCUS.

have all admired a bed of Crocuses, but few know how lovely they are for the window. Last fall I filled a long, narrow box with earth, and put in a dozen Crocus bulbs, yellow, purple and white. After being in the cellar until January the buds began to show, and the box was placed in the front window. It was soon in full bloom, and many a passer's face lighted at the sight of the cheery blossoms. By bringing from the cellar at intervals I had the pretty things in bloom for six weeks. Another small bulb rarely seen in windows is *Triteleia*. The flowers are lovely and sweet-scented, and the bulbs are very cheap. They will grow in almost anything, cracked bowls, large cups, and even paper soap boxes do not come amiss. It is a good plan to have a shelf and pack away all the pretty table dishes that are not fit for use. Small bulbs look very well growing in them. The *Scilla* and the *Galanthus* or *Snow-drop* are pretty companions for the *Triteleia*. We all enjoy a gay bed of Tulips on the lawn in the spring, but these brilliant beauties are ten times more appreciated in our windows the latter part of winter. And it is so easy to have them. Bulbs seem made for the housekeepers and slim purses. All the



SOILLA CAMPANULATA.

is to be planted and

kept in the dark for a few weeks with an occasional watering.

There are many other small bulbs that we shall find in our fall catalogues, and it keeps up an interest to try a new one every season. The dainty little *Jonquil* will be a gleam of gold in the window, and the *Oxalis* for a hanging basket will be very satisfactory.

Now, what to do with them when done blooming. Don't try them for the house again, but tuck them in the corners of the garden, or if there is room enough have a bed of spent bulbs. The flowers will not be as large, but they make a pretty show the next year. Anna Lyman.

Detroit, Mich.

[NOTE.—The second-sized Tulips and Hyacinth bulbs improve for two or three years after buying them. The reason the first-sized bulbs deteriorate is because they have reached the acme of perfection, the climax of their existence, so to speak. The smaller Hyacinths are almost as sure to bloom as the larger ones, but the spikes will not be so large or so numerous till the second or third year. This refers to earth culture. For water culture only the best bulbs should be purchased, and the bulbs should not be expected to do service another year.—ED.]

**Cosmos.**—If you have never tried *Cosmos* be sure to have it among your flowers next year. I read so much about it in *PARK'S FLORAL MAGAZINE* that I thought I'd try it last year. I started plants early in the house, set them out in good, rich ground in May, and you should have seen those plants grow. Why, they grew and grew till I had to look up to see the top, but no sign of a flower, and the fall frosts were almost here. One day in looking them over I spied a tiny bud, and in a few days they were covered with buds. Oh, how impatiently I watched for those flowers. At last they came, and I felt amply repaid for the care I had given them. There were white and several shades of red and pink. I felt very uneasy for fear the frosts would hurt them, but they will stand about the same amount of cold that *Chrysanthemums* do. They were in bloom four or five weeks. M. E. H.

**Otaheite Orange.**—I received a slip of *Otaheite Orange* about four years ago; after potting it grew fairly well. Every fall I set it in the cellar and left it there till spring. During the winter the leaves would drop off. Last fall the foliage was so beautiful I thought it a shame to put it in the cellar, so I kept it in the window. About the beginning of April it put forth about a dozen tiny buds. I watered with liquid manure, and now the buds are quite large, two having opened and developed into flowers. The fragrance is most delightful. C. A. Baker.

New York, N. Y., May 2, 1898.

**A Good Fertilizer.**—Blood is an excellent fertilizer for plants. Pour warm water upon it to dissolve it and reduce its strength, then apply as a liquid. The blood may be obtained in dry form from dealers in fertilizers, when it cannot be obtained fresh. L. P.

Henry Co., Ind.

## BANANAS.

**F**EW who have not tried them realize the beauty of Bananas as decorative plants for the garden or lawn. They are pretty planted in clumps or as single specimens. Bananas delight in rich soil, full sun, and plenty of moisture. I have three varieties, and am convinced that no other plants could be more satisfactory for the small amount of time and labor required. *Musa Cavendishii* is the dwarf variety and seldom attains a height of six feet in this latitude. It is a robust grower, and has fine, velvety, dark green leaves thickly blotched and spotted with dark purple. It is indeed a beauty. My plant unfolds a new leaf every third day. Although it is a dwarf grower, and easily kept in a pail or tub, it produces fine fruit in large bunches.

*M. Hart's Choice* grows ten feet high, and has lighter green foliage than any of the others. The leaves are a plain green, but very rich and velvety. It should be planted in the ground, if possible, but the moles do not allow me that pleasure. The plant is said to bear nine months after planting, producing excellent fruit of very fair size.

*Orinoco* or *Horse Banana* makes an enormous growth during the season. The stalk is very large, and throws up numerous sprouts. This also makes a fine lawn plant, but should be placed where it will be protected from the rough winds, as they whip and tear the large leaves badly. If planted in open ground lift after frost, chip off the leaves near the main stalk, pot, and winter in a pit or a light, dry cellar.

Mrs. M. C. Winslow.

Hopkins Co., Texas, Aug. 1, 1898.

[NOTE.—*Musa ensata* is a species of *Banana* very effective as a foliage plant, and much used. It is easily grown from fresh seeds, which may be purchased of many seedsmen at five cents per seed, or three seeds for ten cents. They usually germinate in about a month from the time they are planted.—Ed.]

**Water Poppy.**—I fill a tub within two inches of the top with leaf mould, then plant *Cyperus alternifolius* in the center, and two *Water Poppies* beside this. The *Water Poppies* immediately take possession, and in six weeks begin to bloom, and every morning from three to a dozen sulphur yellow flowers, as large as the top of a teacup, open and last until noon. The tub must be kept filled with water and in a sunny spot if nice blossoms would be raised. I keep three plants in a quart can over winter.

Alice M. Peters.

Nodaway Co., Mo., May 26, 1898.

**Stand of Nasturtiums.**—In the spring I took a cheese box, set it up on three legs, hour-glass fashion, and filled it with good earth, then planted in it some *Nasturtiums* that I had wintered in my pit. Now my stand is the admiration of every one who sees it. The *Nasturtiums* droop to the floor, about two and a half feet, and the bloom is lovely, though I have only two varieties.

Mrs. J. J. L.

Darlington Co., S. C., June 12, 1898.

## MY FERNERY.

**I** SELECTED a spot between and under two trees that stand on slightly sloping ground, then made a hollow between them by digging out the soil as deeply as I could, and then put some stones in for drainage. Then I filled up the hollow with soil made loose and mellow with leaf-mold, low, black meadow soil, chip dirt and sand, leaving a slight depression so rain would not wash away my prepared soil. In the shadiest part I planted a variety of native Ferns, and also some from Maine, Massachusetts and Pennsylvania. These, however, except two plants from the latter State, are very much like the kinds that grow here.

I have found no difficulty in making Ferns grow that were removed from their native places any time in spring or summer. Large plants taken up in the hottest weather, with considerable soil, did not always lose their foliage, and always came up the following spring. Maidenhair Ferns thrive wonderfully with cultivation, making lovely clumps, much finer than in a wild state. These do well at the outer edge of my fernery, enduring considerable sun and drouth.

Here is a good place also for Tuberous Begonias, their brilliant colors showing off finely against the vivid green of the Ferns. Here also Alpine and English Primroses thrive, and clumps of *Columbine* and *Digitalis*, with wild flowers of various kinds find a congenial home. The white *Woods Lily*, *Trillium grandiflorum*, *Bloodroot*, *Cranesbill*, *Hepatica*, and other wildlings grow and bloom with the greatest freedom. Some of my friends say my Fern corner is the loveliest part of my garden. Try a fernery, *FLORAL* sisters, and see what a "thing of beauty and a joy forever" you can make of some neglected, unlovely spot.

Mrs. B. Bradley.

Barry Co., Mich., June 13, 1898.

[NOTE.—In making a fernery the drainage is very important. Make a foundation of loose stones and cover with porous soil, then water freely while the plants are growing, if the weather is dry. Well treated a fine display of Ferns may be had in a densely shaded corner where nothing else will grow.—Ed.]

**Fuchsias.**—Let me advise all flower lovers who do not already have *Fuchsias* to procure them. I admit they are capricious, but there are few more showy or graceful plants. They should not be exposed to storms of wind or rain. Keep them in pots, shifting to larger ones as they grow. *Fuchsias* should never become root-bound, or they will drop their leaves, and also if allowed to get dry at the roots, or if kept where the fierce heat of the sun strikes them. Give them a sheltered place on the porch. An hour's morning sun is all they need. They should have a soil composed of three parts leaf mould or decayed straw and one part sand. Provide good drainage, and give plenty of water. Shower late each evening.

Mrs. John Morgan.

LaCrosse Co., Wis.



# Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

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SEPTEMBER, 1898.

**Spring-blooming Pansies.**—The best Pansy plants for spring-blooming are those that are just beginning to show buds in late autumn. Such plants are vigorous and healthy, will endure the winter safely, and will bud and bloom freely in early spring, forming little clumps of showy flowers. The seeds should be sown in midsummer, and the plants set out early in August, if the weather is favorable. If sowing is deferred till August or September prepare a sheltered bed, placing boards edgewise around it, and sow the seeds in rows where the plants are to remain and bloom, shade with lath and paper till the plants appear, then give air and light. If you wish, a glass sash sloping northward may be placed over the frame about New Years, to remain till mild spring weather comes. Avoid late autumn transplanting. Plants not well established will not endure the winter.

**Little Gem Calla.**—Complaints are often received about this Calla not blooming. It is because the plants are not old enough and large enough. It has a tendency to multiply rather than increase in size, and unless given a rich, well-drained soil, and plenty of water during the growing season the tuber makes but little advancement. Remove the small offsets as soon as they appear, to concentrate the energy of the plant upon the main tuber. Small plants should not be expected to bloom for three or four years after planting.

## Keeping Cannas and Dahlias.

—Lift your Cannas and Dahlias when the ground is wet, allowing a good portion of the earth to adhere to and enclose the roots. Then cut the tops, dry off in a sunny, airy place and store on an upper shelf in a dry, frost-proof cellar or room. The dry, hard earth about the roots will prevent injury from the action of the air, and keep away the spores of disease. This method is usually satisfactory. It rarely fails.

**Muscari comosum.**—Mrs. W. B. Childress, of Iowa, sends a plume-like panicle of purple bloom and asks for the name. It is of *Muscari comosum*, of the variety *Monstrosum*. It is generally known as Monstrous Plume Hyacinth.

## LOPESIA ROSEA.

ONE of the most desirable of winter-blooming plants for the amateur's window is catalogued as *Lopesia rosea*, but commonly known as Spider Plant, because of the loose, sprawling character of its flowers. The plant is easily propagated from cuttings, and grows freely in any light, porous soil. In winter it blooms, opening in great profusion its pretty little pink and white flowers, and keeping the display up until the snow disappears in the spring. As the stems are slender the plant needs support, and may



be provided with a neat wire or wooden trellis. Some persons, however, grow it successfully in a hanging basket, allowing the branches to hang in loose wreaths over the sides. It thrives in sun or shade, and never fails to bloom freely in winter, even under partial neglect. The little drawing was made from a specimen sent the Editor to name. The curious form of the flower is indicated in the sketch at the left. It belongs to the Evening Primrose Family, and was named in honor of T. Lopez, an early Spanish naturalist.

## Begonia argentea guttata.

This is one of the most beautiful of the silver-spotted Begonias, bearing dense, graceful foliage with rosy under surface, and rich pink flowers in large clusters. It will not endure a chill, and should have a moist, rather warm atmosphere, loose, porous soil and good drainage. The plants begin to bloom during their second year, under favorable conditions. In some localities blooming is promoted by bedding out in a place well sheltered from the hot sun and drying summer wind. It is one of the most desirable of Begonias for either foliage or flower.

**Late Seedlings.**—Seedlings of hardy perennials started in autumn in our northern States should have a protected bed, that is, the bed should be in a sheltered place, or a board frame should be placed around it, and further protected by plastering lath placed two inches apart over the frame. In autumn always sow seeds where the plants are to remain during winter. Plants set out late, unable to get well established before cold weather comes, will rarely endure the winter.

## AUTUMN-SOWING.

THOSE who have been in the habit of sowing *Centaurea*, *Calliopsis*, *Collinsia*, *Delphinium*, *Myosotis*, *Nigella*, *Poppy*, *Silene*, etc. in the spring, to have summer-blooming plants, should try sowing in early autumn. Sow in September, in time to have the plants well started by winter. The plants are hardy, will endure the winter, and be ready to bloom early the next season, before the warm weather comes. The bloom is much more free and the flowers larger and richer than during the hot summer months, the period for their blooming when the plants are started in the spring.

**Geranium Blight.**—Mr. Burke, of Missouri, has, for several years past, been seriously troubled with a blight or disease which affects his *Geraniums*. It has destroyed all of his plants except the scarlet-flowered ones, and many of these have died. It comes as a mould at the tips of the branches, and runs down the plant, turning all black as it spreads, until the plant is destroyed. This is doubtless the result of a parasitic fungus, which spreads by spores as well as by growth, and the black or affected parts should be removed and burned as soon as noticed. Dusting the parts with a powder composed of equal parts of lime and sulphur might be beneficial. Apply by shaking the material from a porous dust-bag. Avoid wetting the foliage freely, as moisture mostly encourages such diseases.

**Putty-root.**—The curious and handsome Orchidaceous plant commonly known as Putty-root (*Aplectrum hymale*), may in sections where it grows, soon be found pushing its new leaves through the soil. The leaves are plantain-like, papery, and last till May, at which time the spike of flowers appears. Then the leaves die, and soon all that remains is the brown, dry scape. In this condition it remains throughout the summer. It is one of the few plants that has its resting period during the summer months.

**Keeping Gesneraceous Tubers.**—When the tops of Gesneraceous plants begin to die in the autumn gradually cease watering, and let the soil dry out. Then set the plants in a dry place where the temperature is about 50°, and let them remain there till spring, when the roots should be taken out and reotted in fresh soil and again encouraged to grow. This treatment may be given *Achimenes*, *Tydas*, *Gesnerias* and *Gloxinias*. It will also answer for Tuberous *Begonias*.

**Poppy Anemones.**—These tuberous plants are hardy at the North if the tubers are planted in the spring about the time the Apple is in bloom. Planted during autumn the tubers are liable to rot before starting, or to be destroyed by frost before they become established.

**Hardy Shrubs.**—At the South these may be planted in autumn. At the North plant in the spring to withstand frosts.

## ABOUT OLEANDER.

THE Oleander is a beautiful hardy shrub at the South, and greenhouse shrub at the North. As it is very easily cared for it should be generally cultivated.

Young plants are readily started from cuttings of the points of the branches during summer, and rooted in either water or sand. As soon as the roots are started pot in three-inch pots, firming the soil well, and watering freely. If the drainage is good you are not likely to keep the soil too moist during the growing season. Wash or syringe the leaves often, and keep the plant in full sunlight, but shade the pot to keep the roots cool. Pinch the top out to secure low branching. As winter approaches apply less water and keep the plants in a cool but frost proof room or cellar. In the spring shift into six-inch pots if you wish large plants. Use rich clay loam. The growth is more vigorous in peat, but a loamy soil promotes free-blooming.

Cut back the branches if you wish the plants more bushy, and tie out with strings, or press out with sticks the branches that are crowding each other. Toward autumn set the plants out-doors, to ripen the stems, and encourage the formation of flower buds. Winter as before, in a temperature ranging from 40° to 50°. The next spring the plants should bloom, after which repot, using ten-inch pots. The plants may be shifted into larger vessels annually just after the blooming period is past, until of sufficient size, after which vigorous cutting back must be resorted to, and the soil renewed, with occasional applications of liquid fertilizer.

The Oleander will bear much neglect, and bloom well under adverse circumstances, but it well repays good treatment. If syringed frequently it will not be troubled by insects, but occasionally the plants are attacked by scale, which can be rubbed off and the stems then washed with suds. Red spider may be eradicated by syringing with suds, and aphides by smoking with tobacco.

**Daisies.**—Where the climate is too cold for the Double Daisy (*Bellis perennis*) to endure the winter it can be protected by a covering of evergreen boughs placed over the bed during December. Still further north a board frame should surround the bed, as well as the evergreen covering. When started early in spring and well established the plants are mostly hardy without protection as far north as New York.

**ORDERING HARDY BULBS.**—It is always well to send in your order for hardy bulbs early in the autumn, but do not expect the bulbs till early in October. They are all imported from Holland, and it is impossible to get them before the latter part of September, after which they have to be labeled and prepared for marketing. If your hardy bulbs therefore do not reach you till October, do not feel uneasy. They will come in due time for planting. *Freessias*, *Bermuda Lilies*, *Roman Hyacinths* and *Paper Narcissus* come from countries of a more southern latitude than Holland, and can be obtained mostly during August and September.



TRY AGAIN.

Don't Let Carelessness Keep You  
From Comfort.

Have you ever been disappointed in the flavor of your cup of Postum Food Coffee? If so, you are the person we want to talk to. Flavor and food value cannot be extracted from a food drink of this kind, if it is dripped or simmered. A delicious taste and a cup full of nourishment can be had quickly and easily if the Postum be allowed to keep up a clever boiling for fifteen minutes after boiling begins. Remember, to simply leave the pot on the stove fifteen minutes will not answer. Keep up the boil fifteen minutes after active boiling commences.

This is simple, and if your health is worth looking after at all, it is worth having your Postum made good instead of sloppy, for when it is well boiled, you get the strength and body building elements as well as the charming flavor. Insist on having your beverage well made and that cream or boiled milk be served with it. It is just as easy to have Postum well made as to have it made in a slovenly manner.

This talk on the preparation of Postum, is called for from the fact that we have heard lately of several people who cannot drink coffee and tried Postum, but were discouraged, from the fact that it was badly made. When it is served properly, it makes and holds friends for life.

**Cactus Enemy.**—Mrs. Benedict, of Missouri, has a fine collection of twenty-five species of Cactus, and the plants are bedded out in a well-drained spot in the yard. Recently a white, scale-like insect has appeared, and threatens to become troublesome. She scratched the pest off, but it reappears. She should have syringed freely with soap-suds with a little kerosene added, just after scraping the pest loose from the plant. A free use of the syringe, dashing the water with force upon the plants, thus cleansing them thoroughly, will soon eradicate the worst of Cactus enemies.

**Rambler Roses.**—Mrs. Jackson, of Illinois, writes that she has a Crimson Rambler Rose which was recommended to her as a fine everblooming climbing Rose. She is disappointed, as she finds it blooms but once a year. She asks about the yellow and pink and white so-called Rambler Roses. If they are like the Crimson, she does not want them. She is informed that they are probably no better, if as good, in either flower or extended time of blooming.

**Gloxinas after Blooming.**—When Gloxinia plants cease to bloom gradually withhold water and allow them to dry off, then set the pots away in a room where the temperature ranges about 50°—never much lower or much higher. Here they will keep in safety, if the temperature is not too moist or too dry. Usually the tubers suffer more from moisture than drought in their winter quarters.

WHY BACHELOR BUTTON REMAINED SINGLE.

Years ago, so runs the legend,  
When this flower was young and gay,  
He resolved that he would marry,  
And be happy every day.  
Being a conceited fellow  
He coolly cast his eye around  
To find the very fairest flower  
In all the country-side around.  
And he said in lordly manner  
"No one will my suit refuse,  
And I can from all this garden  
Select any flower I choose.  
But not one do I find perfect,  
None that with me can compare,"  
And he doffed his ragged sailor  
With a very reckless air.

"Nasturtium is quite showy,  
But she savors much of spice;  
And Miss Poppy's far too stupid,  
Though her dress is very nice;  
Miss Foxglove is far too dressy,  
And her ways too flippant are,  
And if I should marry Larkspur  
We would often have a jar.

"Now, there is bright Miss Marygold,  
And, though I'm not mercenary,  
I think a little cash will go well,  
And I guess with her I'll marry."  
So he proposed to Miss Marygold,  
And was promptly answered "No!"  
Then and there he vowed a bachelor  
To the end of life he'd go.

Franklin Falls, N. H.

Sunie Mar.

QUESTIONS AND ANSWERS.

**Tulips.**—Nearly a year ago I planted some Tulip seeds. They germinated, grew, and are now dying down, after forming some tiny bulbs. What treatment shall I give them?—A. M. L., Broome Co., N. Y., May 19, 1898.

Ans.—The bulbs may be allowed to remain in the soil, or may be taken up and kept in dry sand till fall, then planted out. It would not be well to lift such small bulbs when the tops die and allow them to be exposed to the air till planting time, as the exposure might injure their vitality.

**It is Iris Hispanica.**—Mr. Park: I enclose a flower and leaf for identification. A neighbor has a large clump of it in her garden, and she has tried often to find out the name, but in vain.—Mrs. Aumann, Berks Co., Pa.

**Scotch Blue Bells.**—Dear Editor: What has become of the Blue Bells of Scotland? I played with them in my mother's yard when a child, but have not seen them since. Can you give me any information?—Mrs. O. L., N. Y.

Ans.—Mrs. L. doubtless refers to a species of Campanula which grows freely in England and Scotland. The Editor saw many plants of this "Blue Bell" along the road from Melrose to Abbotstford, the home of Sir Walter Scott, last summer while in Scotland. It is generally known as English Hairbell, but its scientific name is Campanula rotundifolia. The radical leaves, which are seen early in spring, are broad and circular in shape, but as the flower stem shoots up these leaves die, and the stem is clothed with long, narrow leaves, and bears drooping blue and white flowers. The seeds may be obtained of the seedsmen. The plant is a hardy perennial.

**Substitutes.**—What can one substitute for woods-earth and sphagnum when these are unattainable?—L. M. S., Neb.

Ans.—A substitute for woods earth may be obtained by piling up good blue-grass sods, and keeping the pile wet for several months, until the sods are rotted sufficiently to form a fibrous loam. For packing purposes some persons successfully use cotton instead of sphagnum moss.

**It is Convolvulus minor.**—Mr. Park: I enclose a blooming branch of a plant which grew from a package of mixed seed sent to me this spring. Please name through your Magazine.—Miscia Hays, Iowa.

**MY AGERATUM.**

From Park's, last June, there came to me,  
 With other plants—Chrysanthemum,  
 Lobelia, Rose, Achimene,  
 Linum perenne, Geranium,  
 Tydea, Salvia, Geum small,  
 Plumbago and Sweet William, all—  
 My Ageratum.

It was a small-sized specimen,  
 And badly wilted from its trip,  
 But it recovered quickly when  
 In water it received a dip.  
 As night approached and cooled the air  
 I planted with the closest care  
 My Ageratum.

Like Hamlet, for a day or two  
 "To be or not to be" it conned;  
 Of its companion plants a few  
 Severed almost life's fragile bond;  
 But, cared for properly, at length  
 Began to grow and gather strength,  
 My Ageratum.

While in the way of leaf and stem  
 For weeks it did not seem to grow,  
 Its greedy rootlets, all of them,  
 Pushed out into the soil below;  
 Then suddenly with swiftest stride  
 Up sprang and branched on every side  
 My Ageratum.

It scarce began to bud and bloom  
 Ere frost appeared, and it was then  
 Placed in a vase, and, in my room,  
 It did not cease its growth, and when  
 Among my choicest plants removed,  
 Unequaled there by any proved,  
 My Ageratum.

Its foliage of velvet sheen  
 And constant bloom of purple blue  
 Comprise a mass of mottled green  
 As fine as e'er in winter grew.  
 As fragrant as the breath of morn,  
 The home 'twill fail not to adorn.  
 My Ageratum.

Coles Co., Ill.

Robt. S. Davis.

**BRIEF ANSWERS.**

**Water Hyacinth.**—This water plant rarely fails to do well grown in water and sphagnum moss in a warm, sunny place. If the sun is very hot after placing shade with paper for a few days, till the roots begin to take hold of the moss. By this method the plant rarely fails to grow and bloom well.

**Feather Hyacinth.**—Two or three subscribers send a feathery blue panicle and a toothed leaf and ask for the name of the plant. It is *Muscari monstrosum*, commonly known as Feather Hyacinth.

**Fairy Lily.**—This is the common name of *Amaryllis atamasco*. It is a bulbous plant throwing up a stem eight inches or more high, with a small, handsome pink bloom at the summit. It is hardy at the South, but should be protected North. It is summer-blooming, and the bulb should be dried off and kept dormant during winter. It may be successfully treated just as you treat *Gladiolus* and *Tigridia* bulbs.

**Roses from Seeds.**—The seeds of most species of *Roses* germinate tardily, and the plants should not be expected to appear till a year after the seeds are sown. Sow just as you would other shrub seeds. The young plants like a cool, moist, shady place and plenty of air. Hot sun and a close atmosphere will ruin the seedlings. Seeds of *Rosa multiflora* start readily, and the plants soon come into bloom. This species is grown largely from seeds as a curiosity.

**Tuberose Blooming.**—It is not often that a *Tuberose* throws up a flower stalk the second time, and after a bulb has bloomed once it is almost worthless except to raise small bulbs or offsets to be grown to blooming-sized bulbs. Again, if a bulb is left out until the ground becomes frozen it is worthless, even if it has not yet bloomed. The flower germ is very delicate, and a severe frost will destroy it and prevent bloom-

ing. As a rule it is better to buy new bulbs each year from the florist. The special care they require in winter cannot always be given by the amateur, and the bulbs consequently fail to bloom. The low price enables anyone to enjoy the flowers from the florist's bulbs, as they can be bought at retail at a price at which the amateur cannot reach them.

**Rex Begonias.**—Give these porous soil with thorough drainage, and water freely while the plants are growing. Avoid placing them in a position exposed to the hot sun or to drying winds. They like a rather cool, moist atmosphere in summer, and should not be sprinkled while the sun is shining brightly upon them. If these requirements are neglected the leaves are likely to turn brown and dry up.

**Resetting Hardy Bulbs.**—The best time to lift *Tulips*, *Hyacinths* and other hardy bulbs of like character, is in July, after the tops die, and before new roots are formed. If convenient the bulbs may be kept in paper bags in a cool place for several weeks; if not, it is as well to plant in their new quarters at once. *Tulips* and *Hyacinths* should be set from four to six inches apart and three or four inches deep.

**Gladiolus Seeds.**—These are mostly sown in the spring. Sow in fine, porous soil, covering not more than an eighth of an inch deep, and water rather sparingly till the plants appear. Failure in germination often occurs from sowing poorly developed seeds. When well matured the seeds germinate without difficulty.

**Davallia.**—Mrs. L., of Barnstable, Mass., sends a spore-bearing *Fern* from to name, and asks how to get rid of the brown insects upon it. The *Fern* is a species of *Davallia*, and what are thought to be insects are the ripening spore [seed] clusters. Sown over moist soil in a shady place the dust-like spores will develop young plants.

**Root Lice.**—To get rid of root lice take the plants out of the soil, wash the roots, then dip them in tobacco tea, made by boiling for twenty minutes a pound of tobacco stems in two gallons of water. Affected plants in the garden may be treated with this liquid without lifting them. Let the soil become dry, then apply the tobacco tea heated almost to the boiling point. The application should be sufficiently copious to soak the roots and kill the insects, and repeated applications should be made at intervals of two or three days, until the pest is entirely destroyed.

**Ants on Peonies.**—Ants, which often trouble *Peonies*, may be kept away by placing about the plant a layer of tobacco stems, and by syringing occasionally with tobacco tea. The stems act as a mulch, keeping the ground moist and cool, and as a fertilizer, the rains carrying the nourishing elements to the roots. Ants and dry, heated, poor soil often cause *Peony* buds to blast.

**Platycodon.**—This is the same as *Wahlenbergia*. It is a beautiful hardy perennial.

**MAGAZINE APPRECIATED.**

**Mr. Park:**—I find the *Floral Magazine* a great help as well as a pleasure to me. When it comes, no matter what I am doing, I open it and look all through it before I put it down. My children are as much interested in it as I am.

Mrs. G. S. Fox.

Cecil Co., Md., June 22, 1898.

**Mr. Park:**—I have taken your *Floral Magazine* for four years, and consider it valuable, as I get so many good ideas from it upon the treatment of plants.

Mrs. M. P.

Ottawa Co., Mich., May 14, 1898.

**Mr. Park:**—I have taken your *Floral Magazine* for several years, and am much pleased with it. I think it the best *Floral Magazine* I ever read.

Jackson Co., Ind.

Mrs. Sophia Schenck.

**Mr. Park:**—I have been taking the *Magazine* since 1887. I think it one of the best little books published, and never intend to do without it as long as I live.

Mrs. Mary S. Fisher.

Barnstable Co., Mass., June 23, 1898.



# OUR TWO PUBLICATIONS BALANCE OF THE YEAR



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We will mail **THE LADIES' HOME JOURNAL**, beginning with the next issue (October number), to January 1, 1899, also **THE SATURDAY EVENING POST**, every week, from the time subscription is received to January 1, 1899, for Twenty-five Cents, for the purpose of introducing our weekly with our well-known monthly.

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In our fifty years' experience as manufacturers, Carpets never have been as low as during "This Special Sale," and an opportunity like this is not likely to present itself again. Our offer—sew Carpets free, furnish wadded lining and pay freight on orders of \$9 and over received during this month. Our Lithographed Carpet Catalogue showing goods in hand, painted colors; also, new 160-page catalogue of Furniture and everything necessary for housefurnishing are mailed free to any address.



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**DON'T MISS THIS** To introduce our Perfume, we will send a case postpaid for 12 cents. We will mail with it absolutely free, a beautiful gold plated Garnet and Opal Ring, simulation. Send 12c. in stamps; we will delight you. **MARTZ & GRAY, Box 407, New York.**

## A EUROPEAN TRIP.

LETTER NO. 12.

When we left the home of the bride on our way to the church I noticed that the women all carried little satchels; and very soon my curiosity and amusement were aroused by a multitude of excited children upon the pavement at each side of the procession. These children were all clad with wooden shoes, and ran as fast as they could, puffing and blowing and calling to one another, their little (?) shoes loudly clapping over the hard pavement stones, making the narrow street resound with a deafening clatter. One of the little boys who exerted himself most vigorously, and kept in the lead, attracted my special attention. He was a lad of eight years, with a chubby face, and long, unkempt hair, hatless, coatless, and with trousers freely patched at the rear, but wearing a pair of new wooden shoes which seemed to drop with special force upon the stones. He seemed determined to lead, and pounded the sidewalk opposite to my coach for some distance, till at last an unlucky stroke split one of his shoes, and the pieces flew in opposite directions. I shall not soon forget his disappointed countenance. He stopped, looked at his shoeless foot, then at the passing coaches, tried to run again, but gave up the chase in despair, while all his companions ridiculed him. Do you ask why these children ran? It was because every satchel carried by the women was bulging out with candy, and as the coaches moved swiftly along big handfuls of the sweet-meats were scattered broadcast among the excited children. This is a general custom upon wedding occasions in Holland, and one that affords no little pleasure and amusement to all concerned.

We soon reached the church, a rather small edifice with two aisles descending as you advance

[Continued on next page.]

## Free—A Wonderful Shrub.—Cures Kidney and Bladder Diseases, Rheumatism, etc.



Mr. Jos. W. Whitten, Wolfboro, New Hampshire

DISORDERS of the Kidneys and Bladder cause BRIGHT'S DISEASE, RHEUMATISM, GRAVEL, PAIN IN THE BACK, FEMALE COMPLAINTS, URINARY DISORDERS, DROPSY, etc. For these diseases a POSITIVE SPECIFIC CURE is found in a new botanical discovery, the wonderful KAVA-KAVA SHRUB, called by botanists, the piper methysticum, from the Ganges river, East India. It has the extraordinary record of 1200 hospital cures in 30 days. It acts directly on the Kidneys and cures by draining out of the Blood the poisonous Uri Acid, Urates, Lithates, etc., which cause the diseased conditions.

Rev. John H. Watson, testifies in the *New York World*, that it saved him from the edge of the grave when dying of Kidney disease. The venerable Mr. Jos. Whitten, of Wolfboro, New Hampshire, at the age of eighty-five, gratefully writes of his cure of Dropsy, swelling of the feet, and Kidney and Bladder disease by the Kava-Kava Shrub. Many ladies also testify to its wonderful curative powers in disorders peculiar to womanhood.

That you may judge of the value of this *Great Specific* for yourself, we will send you our Large Case by Mail **FREE**, only asking that when cured yourself you will recommend it to others. **It is a Sure Specific and cannot fail.** Address, The Church Kidney Cure Company, No. 409 Fourth Avenue, New York City. Mention this paper.





Chinese Sacred Lily, 12 cts.

## Bargains in Fall Bulbs.

CHINESE SACRED LILY, 12 CENTS.	BERMUDA EASTER LILY, 12 CENTS.
3 for 30 Cents Postpaid.	3 for 25 Cents.
3 Mammoth Freesias 10cts	3 Golden Sacred Lily 10cts
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**We PAY FREIGHT**  
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toward the speaker, so that the occupancy of the front seats may not be an annoyance to those in the rear. There were two pulpits, one directly above the other, and in front of these was a large semi-circular open space with long pews at the sides, and with a row of chairs all around inside the enclosure. At the farther part, facing the minister, sat the bride and groom, and on either hand the near relatives. Prayer was offered, a psalm was sung, a chapter read, and a collection taken for the poor, then a discourse occupying about an hour of time was given for the benefit of the contracting parties. After this the couple knelt, made their vows, the wedding ring was placed, and thus the two were pronounced man and wife.

After the ceremony was over the carriages, which stood in waiting, were re-entered, and we all went to the seashore, scattering candy at every village and house along the way. The beach visited was a common seaside resort, and there were thousands of people there, but only a few bathing. The bathing custom was odd. When anyone wished to bathe he entered a little dressing room, perhaps 4x8x6 feet, mounted on wheels, and was drawn by two men several hundred feet out, till where the water was four or five feet deep. Here the bather came out, took his bath, then re-entered, and was drawn back to the shore. There were many beautiful little shells upon the sand, of which I gathered a fine collection. Curious to me were the hooded portable seats which you could rent and have transported wherever desired. Curious, also, it was to see the neighboring old women and children standing around among the on-lookers, knitting away vigorously while they took notice of the visitors and enjoyed the various amusing incidents that occurred about them. Close attention to their work was apparently needless, for they kept their fingers and needles moving briskly while they chatted and watched the idle throng. After enjoying the fresh sea breeze for an hour or two and securing a light lunch we returned to the home of the bride, going by a different route. The roads were excellent, being hard and smooth, and for the most part well shaded with trees. In one of the villages passed through the shade trees were trained so that the streets were completely arched with interwoven branches. In another the limbs which grew toward the sidewalk and street were either cut or bound in, so that the row of trees appeared as a wall of dense, rich foliage elevated five or six feet from

[Continued on next page.]



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MENTION PARK'S FLORAL MAGAZINE

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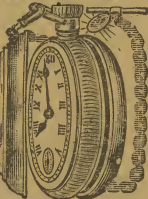
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the ground. These drew my special attention, as I had never before seen shade trees trained in these ways.

Reaching the home of the bride again the evening feast and entertainment were the chief attractions. Tables were spread in two adjoining rooms, one occupied by the old folks, the other by the bride and groom and younger people. The order of service was the same as at the noonday meal. First tea and tea-cake; then the invocation by the master of ceremonies, after which the more substantial elements, bread and butter, coffee, rolls, cheese, bologna, sliced boiled ham, etc. When all were satisfied thanks were returned and the table was cleared. These exercises were interspersed with the singing of Psalms as previously described. The feast proper lasted for perhaps two hours, everything being leisurely transacted. Smoking was freely indulged in throughout the evening, and a light wine was dispensed. A pleasing part of the evening program consisted of recitations, dialogues and songs, all of a humorous nature. The recitations were well rendered, and although I did not understand the language used I could appreciate the peculiar gestures and the pantomime action. Entertainment in this way was elaborate, and was rendered at intervals throughout the evening. Curious to me was the absence of sweets and pastry, but tea-cake and wine were kept upon the tables constantly for the use of those who wished them. There were no presents given, except a gold brooch which I handed to the bride, at the same time, through an interpreter, assuring the happy pair of my kind wishes for their future welfare and happiness. The little gift was greatly appreciated, and the bride took great delight in showing it to all of her young friends, who were enthusiastic in their admiration of it.

It was now late, and the guests were beginning to depart. All were gathered around the table and along the sides of the larger room. So much had been specially done for my entertainment that I felt it my duty to acknowledge their kindness and my appreciation in a general way. I therefore secured an interpreter, and standing at the head of the long table I spoke as follows:

My Dear Friends:—It is not often that we have the pleasure of participating in such a joyous and happy occasion as the sumptuous feast and happy entertainment enjoyed here this evening. I can assure you that I have appreciated it. It is indeed a great pleasure to be where so much cheer and good will prevail, and the scenes and incidents here enjoyed will be recalled with pleasure throughout life. This joyous occasion, my friends, thus forms another link in memory's chain that shall add to my happiness while life shall last.

But even in our joyous moments we are sometimes touched with sadness. This happy gathering will never occur again under the same auspices. It will never again be complete as it is to-night. Some have

*Continued on next page.]*

## Pretty Stick Pin Free.

Dove of Peace and a Cuban Sea Shell.



We have secured several thousand of these very beautiful **Peace Emblems** which we want to give away to introduce our new patriotic magazine. This emblem makes a very pretty stick pin for ladies or scarf pin for men, which every patriotic American should have. Illustration is exact size. Shell is very dainty and especially valuable as a souvenir, having been gathered for us off the coast of Cuba.

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already gone to their homes, and to-morrow we shall be widely dispersed. As for me I shall continue my journey, passing to other countries, and it is not likely I shall again meet you or enjoy your kindness and hospitality.

But in parting with you, my friends, there is a thought that consoles us. The same Great Being rules our destinies, and if in our lives we exemplify our christian principles the kind wishes so ardently expressed here to-night will be realized not only in this world, but in a happy meeting and life in the better world, where we shall be untrammelled by variation in language or dialect, and where partings are unknown. I heartily thank you, one and all, my friends, for your kind attentions, and bid you Good Bye."

After speaking, several of the guests, through the interpreter, expressed their kind wishes to me, and I prepared to depart. But the general parting I had given was not sufficient. The guests all pressed around me, and I shook hands with and said a parting word to each, after which I returned to the poplar-shaded home, where the old hall clock pointed to the small hour.

Sassenheim, Holland.

Geo. W. Park.

### CHILDREN'S CORNER.

Dear Mr. Park:—I have read your Magazine for a good while, and enjoy reading the Children's Corner especially. I have never seen any letters from Colorado. I am twelve years old. The wild flowers take the place of cultivated ones so much here. Very few cultivate flowers. The wild flowers cover the fields, in some places showing a mass of red and yellow Cacti. The Yucca or Soap Weed is the most beautiful of our wild flowers, as it grows in such large clusters. The Anemone, Cypress, Wild Rose and Mariposa Lilies are among our prettiest wild flowers. The Anemone comes up through the snow, but is of short duration; but the others last until after frost comes. I always have success with my flowers, especially Sweet Peas.

Florence A. McKeen.

Elbert Co., Colo., July 10, 1898.

Dear Mr. Park:—I am a little girl nine years old. My mamma loves flowers and so do papa and I. I used to take your Magazine, and my papa does now. I like to read the letters in the Children's Corner. We have more Roses this year than we ever had before.

Cook Co., Ill.

Olive Skelton.

Mr. Park:—I am a little girl twelve years old, and like flowers very much. We live in the country. We live near Butler, Pa. I like your Magazine very much, and could not do without it. It is so interesting.

Butler Co., Pa.

Miss Sophia Campbell.

Dear Mr. Park:—I am a girl of fourteen. My mamma takes your Magazine. I read it and like it very much. We live in the country, and there is an abundance of wild flowers here.

Center Co., Pa., May 9, 1898.

Elva Temis.

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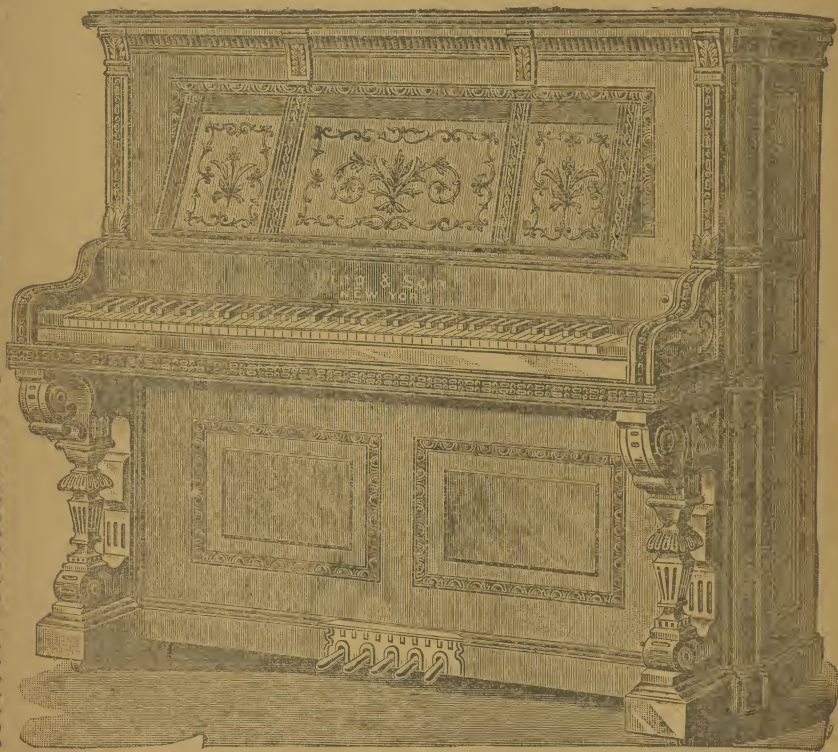
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# FREE

### NIGHT-BLOOMING CACTUS.

Upon the stranger from the South we gazed,  
The tall, unshapely plant with ragged leaves,  
And as we looked, delightfully amazed,  
We felt how true that he who sees believes.

July's bright sun had set; the western field  
Of heaven showed the new moon's silvery thread,  
And there, like worshippers, we sat or kneeled  
To watch the glorious buds unfold and spread.

A waxen flower just touched with richest cream,  
Lifting its petals as a living thing;  
We saw them move, we breathed the fragrant stream  
That issued forth as water from a spring.

Within the deep recess now opening fast,  
What fairy work! So intricate and fine!  
Aladdin's magic palace is surpassed,  
No genii ever wrought such fair design.

That flower so rich should grace so rough a leaf!  
Such was the wonder that the lip expressed;  
Yet all is like; peace springs from bitter grief,  
Day follows night, and toil begets sweet rest.

St. Mary's, Va.

Robt. L. Pemberton.

Mr. Park:—I enclose the above poem from a Saint Mary's paper, hoping you can find a spare corner for it in the Magazine. The plant referred to (Phyllocactus latifrons) I gave to a lady of Saint Mary's two years ago. It was then three years old. It bloomed that season and also last summer. In a letter recently received from her she writes me that eight flowers expanded one evening and three the next evening, and that seventy-five persons called to see it. This plant is about five feet tall. It will most likely bloom again in the late fall.

The parent plant was transferred this summer from a candy bucket to a large, new washtub. It is kept in the shade of a large tree where the sunlight flickers on it through the waving leaves. If left in the full glare of the sun the leaves soon become scorched and burned and ruined. One summer I had the plant on the porch when the weather suddenly became extremely hot, and I found my plant fairly burning in the sun's fierce rays. I got a lot of newspapers and pinned over it, until some of the men-folks came in and moved it to the shade. But, alas, the beauty of its leaves was marred for that season. This plant generally blooms in the summer and again in the late fall.

During a heavy storm a branch with two flower buds on it was once broken off the main plant. This branch was planted in a pot of ordinary garden soil, watered, and kept in the shade, and, strange to relate, the buds developed and expanded, and were in all respects as large and fine and perfect as they would have been on the main plant.

Uhlma.

Riverside, W. Va., Aug. 7, 1898.

### MAGAZINE APPRECIATED.

Mr. Park:—I think your Magazine decidedly the best and most practical of any I have seen, and I cannot be without it. **Mrs. H. B. G.**

Prince George Co., Md.

Dear Mr. Park:—Your Magazine is a welcome visitor each month. I read and re-read it, and find it a great help in caring for my flowers. **Jefferson Co., N. Y. Mrs. D. B. Hanchette.**

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The bulbs are not large, but plump and in fine condition, and unlike the large Dutch Hyacinths they will develop larger and handsomer spikes of bloom each succeeding year for several years, instead of deteriorating. On this account they are preferred by some to the larger bulbs. Blank Lists, sample copies, etc., free. Now is the time to secure and plant these fine bulbs. Don't delay. Address

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If you prefer to buy this choice collection of Dutch Pompon Hyacinths I offer it at the special bargain price of 25 cents, mailed, postpaid. It is really worth 40 cents, and was never before sold for less. The supply is limited, and to be assured of them you had better order soon.

## GOSSIP.

Dear Sisters:—I see one of us has been roundly talked to for saying "plant beggars." There are two sides to every question; now, listen to mine. I have just moved to a new place, and brought my cherished roots and bulbs along. I had to keep them in boxes from October till May 15th before I could get them planted. I lost many, but have bought seeds of perennials and bulbs until now I have nearly fifty varieties, but only a few of each variety. This spring two beggars were here, and want "just a little piece" of this, that and the other. Even my Hyacinths and Tulips are asked for. I rebel inwardly, but give them, for I think no true flower lover can be selfish with flowers. I tell them the bulbs can be bought cheaply, and these will not blossom so well next year; but, no, they would rather take mine and wait for flowers than to spend a few cents, and each was more able to buy than I am. Are we not excusable if we groan a little?

Sister Martha.

Dear Friends:—When I first got Park's Floral Magazine I didn't pay much attention to it. I don't believe I even had the curiosity to examine it, but one day, having nothing else to do or read, I picked up the copy of May, 1897. I began to get interested. I looked at my few little plants, and began wishing I could have such as those I read about. I am now determined to have nice flowers or know the reason why. I have kept every one of my Magazines, and Mr. Park can count on me as a permanent subscriber. I would read the exchange list, but I had no plants of any kind, so could not answer. Then I became interested in Gloxinias, and when the spotted and red ones were offered as a premium I sent in my renewal and procured them. My family began to get interested, also. I hunted all the information I could find on their culture, and followed it closely. Some of the family expected them to show signs of growth in about a week, and, as they did not, told me they were no good, and I had better throw them out. I did not, however, and now they are growing thriftily, and I can scarcely wait for them to bloom.

Roe Virden Kehl.

Fayette Co., Ind., May 30, 1898.

Roses in Texas.—Although in a rocky place where artificial beds have to be constructed, and where artificial watering has to be resorted to because of the severe droughts, Mr. J. S. Proctor, of Wise county, Texas, has in vigorous growth seventy of the finest varieties of Roses, from which he cuts nice bunches of bloom every morning the year round, with which to decorate the breakfast table and the family room, or to send to invalids or friends who appreciate them.

## Have You Asthma or Hay-Fever?

Medical science at last reports a positive cure for Asthma and Hay-fever in the West African Kola Plant, about which so much has lately been said in the medical journals. Its cures are really marvelous. Rev. J. L. Combs, of Martinsburg, West Va., writes it cured him of Asthma of thirty years' standing, and Mrs. E. Johnson, of No. 417 Second St., Washington, D. C., testifies that for years she had to sleep propped up in a chair in Hay-fever season, being unable to lie down night or day. The Kola Plant cured her at once. Mr. Alfred C. Lewis, editor of the *Farmer's Magazine*, of Washington, D. C., was also cured when he could not lie down for fear of choking, being always worse in Hay-fever season. Others of our readers give similar testimony, proving it truly a wonderful remedy. As the Kola Plant is a specific constitutional cure for the disease, Hay-fever sufferers should use it before the season of the attacks when practical, so as to give it time to act on the system. If you suffer from Asthma or Hay-fever we advise you to send your address to the Kola Importing Co., 1164 Broadway, New York, who to prove its power will send a Large Case by mail free to every reader of PARK'S FLORAL MAGAZINE who needs it. In return they only request that when cured yourself you will tell your neighbors about it. It costs you nothing and you should surely send for it.



## SWEET JASMINE.

Sweet Jasmine:  
The zephyrs long have wooed thee,  
To life and light and bloom,  
To brighten dreary places  
With subtle, sweet perfume,  
Which comes as faint, elusive,  
As dim, deep, happy dreams,  
And floats away, still undefined,  
In broken, transient gleams,

Sweet Jasmine:  
You come as breath from heaven  
To cheer sad hearts to-day,  
Whilst giving life in fragrance,  
To all who pass this way,  
We catch thy breath so subtle  
And find a solace sweet,  
That softly wakens memory  
And childhood's days repeat.

Champaign Co., O.

Annicie Bodey.

## OUR FLORAL GUIDE.

There lies a book upon my mantel shelf  
That treats not of fashion nor yet of pelf,  
But closely its pages I as often con  
As e'er a student his lexicon.

It treats of flowers fair and bright,  
That fill the grand old world with light;  
As messages of love they tell  
From palace grand to prison cell.

And for this book and blossoms gay  
I, with the many sisters, say  
"May the flowers of peace with Park abide,  
And long may he edit this Floral Guide."

Linn Co., Mo.

M. E. H. S.

## CORRESPONDENCE.

Dear Mr. Park:—I have been looking over some back numbers of the Magazine, and it has brought to mind the time when I first became acquainted with it while living with a sister in eastern Oregon who was a "flower crank." I had always loved flowers, but had never tried cultivating them before that time. Although my sister was a subscriber to several floral magazines Park's Magazine was borrowed of a friend. We have both become subscribers for it ourselves now, and I would rather do without all the others than to miss it, for it is to Park's that I owe thanks for a love of cultivating flowers. Please, Mr. Park, find the fountain of eternal youth and give us the Magazine for all time. I don't know what I would do if for any cause it stopped coming.

Champaign Co., O., July 8, 1898.

Dear Mr. Park:—My premium arrived safely, and I was surprised and delighted to find such nice large plants. Many thanks for them. I am much pleased with each successive number of your Magazine. It always contains something new about flowers. I have gleaned from it much valuable information.

Llano Co., Texas, July 4, 1898.

Mrs. E. R. Behrens.

A. B.

HIGH  
ARM.



## USE IT FREE

30 days in your own home before paying one cent in advance; shipped anywhere, to anyone, for 30 days' test trial. We risk you. \$60 White Star Machine, . . . \$22.00  
\$50 Pearl Machine . . . 18.00  
Standard Singers, \$9, \$12.50, 16.00  
Full set of attachments free; buy from factory and save \$10 to \$40. WE PAY FREIGHT, thousands in use; catalog, showing 20 other styles, free. Each machine guaranteed 10 years.  
Consolidated Wholesale Supply Co.  
Address (in full) Dept. 92, 215 S. Clinton St., Chicago, Ill.



## Mullins' "Get There" Ducking Boat.

The most complete hunting boat on the market. No repairs. Always ready for use. Light in weight. Best material. Price \$20.00 net.

CATALOGUE ON APPLICATION.

W. H. MULLINS, 322 Depot St. Salem, O.  
MENTION PARK'S FLORAL MAGAZINE

## HOW TO DO CANNING

WITH EASE AND SUCCESS.

Perfect form, color, flavor. Endorsed by 12 STATE FAIRS and Boards of Health. Costs 1/4 old way. Thousands praise it. NOT Salicylic Acid. No cooking berries, cherries, etc. Vegetable, Pickle, Butter, Milk, Cider, Wine, etc., keeper. VALUE RETURNED with particulars for 20c.

AMERICAN WOMAN'S STANDARD CANNING PROCESS, Agents Wanted, 322 So. Mech. St., Jackson, Mich.

MENTION PARK'S FLORAL MAGAZINE



## FREE WATCHES!

Boys and Girls can get a Gold Plated Watch, also a Chain and Charm, for a few hours work. We want Agents everywhere to introduce our wonderful everlasting Perfumery. We give splendid premiums: Watches, Rings, Knives, and lots of useful articles. Write us at once and we will mail you 20 cases of perfumery to sell at 6c. each. We will also send you our new premium list so you may select your premium. Sell the perfumery among your friends and send us \$1. and we will at once send you any premium you select. Our letter sent with the perfumery will explain all.

PERSIAN PERFUMERY CO., 114 Warren St., New York.

MENTION PARK'S FLORAL MAGAZINE

## \$2-OUTFIT FREE TO AGENTS

In order to introduce our new novelties in Pure Aluminum, Scotch Granite and Tin Ware. Write quick. F. C. SIDNEY NOVELTY WORKS, 25 Randolph St., CHICAGO.



## \$9.50 BUYS A HIGH GRADE VICTOR SEWING MACHINE

Adapted to Light and Heavy Work. Reliable and Finely Finished; Guaranteed for 10 Years. Write us at once and we will mail you 20 cases of perfumery to sell at 6c. each. We will also send you our new premium list so you may select your premium. Sell the perfumery among your friends and send us \$1. and we will at once send you any premium you select. Our letter sent with the perfumery will explain all.

## OLD CANCELLED STAMPS WANTED

From \$2 to \$25 per 100 paid. One man sold \$5,000 worth. If you have any to sell send 10c for Big Price List. A. STAMP CO., BEAVER SPRINGS, PA.

56  
Pieces.



you one of our beautiful tea sets for your trouble. Each set is modern and artistic, which every lady will highly appreciate. No Perfume sent out to children unless the order has the written consent of parents. Order 75 packets at 10c each and name of A. R. E. S. T. E. S. S. O. F. F. I. C. E. Address, ARABIAN PERFUM CO., Bridgewater, Conn.

When answering this advertisement please mention Park's Floral Magazine.

## FREE TEA SET.

We will give FREE, a lovely DECORATED CHINA TEA SET of 56 PIECES (full size for tea use) to any lady who will dispose of 75 packets of our sweet, fragrant and exquisite ARABIAN PERFUME (in powder form, scents handkerchiefs, gloves, clothing, etc.) to their friends at 10 CENTS per packet. Simply send us your name and address, PLAINLY WRITTEN, and the perfume will go forward to you by express. When sold, remit us the money (after deducting express charges) and we will send you one of our beautiful tea sets for your trouble. Each set is modern and artistic, which every lady will highly appreciate. No Perfume sent out to children unless the order has the written consent of parents. Order 75 packets at 10c each and name of A. R. E. S. T. E. S. S. O. F. F. I. C. E. Address, ARABIAN PERFUM CO., Bridgewater, Conn.

## Giant Freesias—Extra Selected Bulbs.

It is with pleasure that I offer these improved Freesias. The bulbs are twice the size of the ordinary Freesias, the plants more robust in growth, the flowers larger and produced in finer clusters. You make no mistake in purchasing of this strain, and especially as the price is made to compete with the common Freesias. If you have had trouble in getting Freesias to bloom try the Giant Freesias. Start the bulbs early, five or six bulbs in a five-inch pot, and they will be in bloom by January. One such potful will perfume the whole room. Colors white and yellow. Price, 3 cents each, 25 cents per dozen, \$1.75 per hundred.

## Choice Seeds For Autumn Sowing.

The Wheat and Rye so successfully grown by our farmers are annuals, perfecting their seeds in one year, yet they are sown early in September (in Pennsylvania) so that the young plants may get a good start before winter, and the plants bloom in spring and ripen their seeds by harvest. In like manner many of our hardy annual flowers should be sown in autumn in order to raise the flowers in their greatest perfection. The hot summer sun injures many of the hardy annuals, and if the plants come on early in spring they are through blooming by the time hot summer weather appears. The beauty of Poppies, Larkspur, Nemophila, Nicotiana, and a host of our fine garden flowers can hardly be conceived and never realized unless the seeds are sown in time for the plants to get well started before winter.

### For Early Autumn-Sowing in a Protected Bed.

Arabis alpina.....	5	Carnation, choice dou-	5	Nemophila, mixed.....	5	Sweet William, choice	5
Aubrietia, mixed.....	5	ble, mixed.....	10	Linum perenne.....	5	Viola odorata.....	5
Adumia cirrhosa.....	5	Crucianella.....	3	Plectra, mixed.....	15	Veronica.....	5
Campanula, mixed.....	5	Digitalis, mixed.....	5	Stenactis.....	5		

### For Early Autumn-Sowing where the Plants are to Bloom.

Artemisia gracilis.....	5	Carnation, Margaret	5	Gilia, mixed.....	5	Myosotis, mixed.....	5
Antirrhinum majus,m'd	5	mixed.....	5	Hollyhock, mixed.....	10	Nigella, mixed.....	3
Callirotia, mixed.....	5	Delphinium, mixed.....	5	Larkspur, mixed.....	3	Obeliscaria, mixed.....	3
Centaurea cyanus, m'd	5	Dianthus Chinensis....	5	Leptosiphon, mixed.....	3	Ethiopia, mixed.....	5
Clarkia, single and dou-	5	Double Daisy, mixed....	5	Leucanthemum grand-	5	Oxyura chrysanthemol-	3
ble, mixed.....	5	Echscholtzia.....	5	ficum.....	5	des.....	3
Calliopis, mixed.....	5	Erysimum, mixed.....	5	Limnanthes Douglasii..	5	Pansy, mixed.....	10
Collinsia, mixed.....	3	Eucharidium, mixed....	5	Lychnis, mixed.....	5	Poppy, mixed.....	5
Conoclinium.....	5	Eutocia, mixed.....	3	Malva, mixed.....	5	Silene, mixed.....	5

### For Late Autumn Sowing in a Protected Bed.

Adonis, mixed.....	5	Calendula, mixed.....	5	Helianthus, mixed.....	8	Portulaca, mixed.....	5
Agrostemma, mixed.....	5	Campanula, annual,m'd	5	Hibiscus Africanus....	3	Petunia, blotched and	
Anthericum, mixed.....	5	Carduus.....	5	Linaria, mixed.....	5	striped.....	5
Asperula azurea.....	5	Centranthus, mixed....	5	Martynia, mixed.....	5	Scabiosa, mixed.....	5
Cacalia, mixed.....	3	Cleome speciosissima....	5	Morning Glory, mixed..	5	Sweet Peas, mixed.....	5
Candytuft, white.....	3	Euphorbia, mixed.....	5	Polygonum, mixed.....	5	Verbena, mixed.....	10

Some seeds should be sown in a seed bed late in autumn—just before winter, and the bed protected by a covering of evergreen boughs and boards until spring. These seeds lie dormant till spring, then early germinate and grow—long before other garden plants appear. Petunias, Verbenas, Portulaca, Sweet Peas, and many other plants belong to this class. Autumn, too, is a good time for sowing seeds of Carnations, Columbine, Foxglove, and other seeds of hardy perennials. These should be sown in September in a protected bed, as recommended for the late-sown annuals. I urge all my subscribers to try fall sowing. They will gain time and meet with much better success in the culture of very many of our handsome annuals, and new beauty will be seen in flowers hitherto unpopular because of improper treatment. All the above can be had of almost any seedsman at the prices quoted.

### CORRESPONDENCE.

Friend Park:—I have taken your Magazine ever since it was published. When I first got it it was a small sheet of four leaves, and I prized the premium package of mixed flower seeds as much or more than I now do a bulb of Liliun auratum. I have always loved and appreciated flowers, and consequently have always loved the Floral Magazine, with its packages of valuable yearly premiums. I have made many highly prized and valuable additions to my flower garden, and have received many pleasant letters from those with whom I exchanged. Another feature of your Magazine that I like is the description of wild flowers; they are so plainly described and illustrated. I sincerely wish you success in all your undertakings, and long life to the Floral Magazine. It should be called the "Floral Treasure."

Fillmore Co., Minn.

Kate Little.

### GOSSEP.

Lessons from Flowers.—The beauties of the floral kingdom are not only the finishing touches of the great Creator of all things, but they speak a secret language to his lowly trusting ones which all other objects fail to express. Our Saviour knew the sweet, cheery content of this language when he said "Consider the Lilies of the field; they toil not, neither do they spin; and yet I say unto you that Solomon in all his glory was not arrayed like one of these." Not only is the gorgeous Lily arrayed in garments of beauty, and nurtured by the provision of God, but the tiny, obscure flower also wears a perfect heavenly dress. And this God who gives to each flower a beautiful robe of loveliness and perfection is our God. Let us take lessons from these bright gems of beauty. If we are in pain, there is one who is not indifferent to our pangs; if sad and lonely there is one very near to the trusting heart; if in trouble, he can comfort us; if forsaken, he will never leave us.

Dallas Co., Mo., June 22, 1898.

Callas:—Dear Sisters: I think my Callas deserve special mention. I have three tubers in one pot—one a veritable baby, and four perfect blossoms at one and the same time. The larger bulb had two large, beautiful blossoms on it. Isn't that remarkable?

Barnstable, Mass.

R. D.

Mrs. L.



**\$5 to \$35 OVER 50 MAKES**  
In America. Write for confidential offer. You can earn a wheel acting as our agent.  
Brown-Lewis Cycle Co. CM Chicago, U.S.A.

**PILLOW SHAM** HOLDERS, Nickel Plated. Set complete with screws. Post-  
2 Set 25 Cts. age paid by mail and agents' terms 15 Cts. J. R. Ferguson & Co., Box 5, Chester, Conn.

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Shrewd, Reliable Man Wanted in Each Locality to Act As

**DETECTIVE!**

Address American Detective Association, Indianapolis, Indiana.

**WIVES**

Don't send money.  
**MRS. MAY HAWKINS,**  
Grand Rapids, Mich.  
Lock Box 131, E. B.

Send self-addressed envelope and I'll tell you how to cure drunkenness without the patient's knowledge.

**MOTHERS**

**BIG MAIL**  
IF YOU WANT TO RECEIVE Lots of Letters, Papers, Cards, Magazines, Novelties, etc. FREE send us 10c, and we will put your name in our Agents Directory, which we send to manufacturers, publishers and supply houses. You also get our new 64-col. Illus. Magazine to Jan, 1897, on trial, all for 10c. Don't miss this chance. Address at once YANK PUB. CO., 2 Federal St., Boston, Mass.



**A FAMILY KNITTER for \$5.**  
6,000 stitches per minute. Knits hosiery complete from homespun or factory woolen or cotton yarns. Our Free Circular with samples of work explains everything. This machine sold direct. Address, Perfection Knitting Machine Co., Clearfield, Pa.



# All for Twenty-five Cents.

**MAGAZINE One Year and 6 Premium Plants, 25 Cents, Mailed, Prepaid, Safe Delivery Guaranteed. 25 Plants and MAGAZINE, \$1.00.**

- Abutilon, Anna, veined.  
Boule de Neige, white.  
Eclipse, trailing.  
Golden Bells, yellow.  
Mesopotamium, trailing.  
Variegatum.  
Souv. de Bonn.  
Santana, red.  
Other choice named sorts.  
Acacia lophantha.  
Acalypha Macaenseana.  
Achyranthus, red or yellow.  
Lindeni, red foliage.  
Achania malvaviscus, red.  
Agathaea, Blue Paris Daisy.  
Ageratum, blue or white.  
Althea, double, white, blue, red or variegated.  
Ampelopsis Veitchii.  
Quinquifolia.  
Aloysia, Lemon Verbena.  
Alyssum, double, white.  
Anemone Japonica alba.  
Anisophylla goldfussia.  
Anthemis, Chamomile.  
Artillery Plant, fine foliage.  
Arabis alpina, fine edging.  
Asparagus plumosus nanus.  
Sprengeri.  
Aubrietia Eyrii.  
Begonia Angel's Wing.  
Braulti.  
Bertha Chateauroucher.  
Carrieri.  
Compta.  
Foliosa.  
Fuchsoides coccinea.  
Margarifae.  
Multiflora hybrida.  
M. de Lesseps.  
Begonia Queen of Bedders.  
Pres. Carnot.  
Robusta.  
Sandersonii.  
Semperflorens rosea.  
Souv. de Pres. Guillaume.  
Thurstonii.  
Vernon.  
Vittata alba.  
Weltoniensis, white.  
Weltoniensis, red.  
Weltoniensis, cut-leaved.  
Begonia, Tuberous.  
Giant Red.  
"Rose.  
"Yellow.  
"Scarlet.  
Bergamot, scarlet Monarda.  
White-flowered.  
Bignonia radicans.  
Bougainvillea glabra.  
Bryophyllum calycinum.  
Buxus sempervivum.  
Callitriche in volucrata.  
Calystegia pubescens.  
Canna, Chas. Henderson.  
Mme. Crozy.  
Paul Marquant.  
Other sorts.  
Calla Lily, Little Gem.  
Spotted-leaved.  
White.  
Carnation Alaska, white.  
Early Vienna fl. pl.  
Eldorado.  
Grenadin fl. pl.  
Marguerite, mixed.  
Striped, mixed.  
Caryopteris mastacanthus.  
Cereus grandiflorus.  
Flagelliformis (rat-tail).
- Cestrum parqui.  
Positum.  
Laurifolium.  
Chelone barbata.  
Chinese Lantern Plant.  
Chrysanthemum in variety.  
Cissus discolor, a fine vine.  
Heterophylla.  
Coccoloba platyclada.  
Clerodendron Balfouri.  
Coleus, Fancy-leaved.  
Cut-leaved.  
Conoclinium coelestinum.  
Convolvulus Mauritanicus.  
Coreopsis lanceolata.  
Coronilla glauca.  
Crape Myrtle, pink.  
White.  
Crassula cordata, winter-bloomer.  
Cuphea pulcherrima.  
Cyclamen Persicum, giant.  
Cyperus alternifolius.  
Dahlia, named, any color.  
Deutzia gracilis, shrub.  
Crenata fl. pl.  
Pride of Rochester.  
Dielytra spectabilis.  
Double Daisy, Ball of Snow.  
Longfellow, pink.  
Echeveria secunda.  
Eranthemum pulchellum.  
Euonymus Japonica aurea.  
Variegata, hardy.  
Eupatorium riparium.  
Fabiana imbricata.  
Fern, hardy, in variety.  
Fern, tender, in variety.  
Ficus repens, for walls.  
Forsythia viridissima.  
Suspensa, slender.  
Fuchsia, Black Prince.  
Arabella Improved.  
Dr. Tapinard.  
Mrs. E. G. Hill.  
Mons. Thibit.  
Molesworth.  
Oriflamme.  
Phenomenal.  
Procumbens.  
Speciosa, winter-bloomer.  
Van der Strauss.  
Monarch.  
Elm City.  
Little Prince.  
Gaillardia grandiflora.  
Gardenia, Cape Jasmine.  
Geranium, Scented-leaved in variety.  
Geranium—Flowering single, in variety.  
Geranium—Flowering, double, in variety.  
Geranium—Bronze, in variety.  
Geranium—Ivy-leaved, in variety.  
Geum coccineum fl. pl.  
Gloxinia, White.  
"Blue.  
"Red.  
"Spotted.  
Goodyera pubescens.  
Greivillea robusta.  
Habenaria elegans.  
Helianthus tuberosus.  
Multiflorus plenus.  
Heliotrope in variety.  
Hemerocallis fulva.  
Flava.
- Hepatica triloba.  
Hetrocentrum, white.  
Hibiscus, Chinese, choice named, great variety.  
Syriacus (Althea).  
Crimson Eye, hardy.  
Hollyhock, double, to color.  
Honeysuckle, Hall's hardy.  
Gold-leaved.  
Hydrangea Otaksa.  
Paniculata.  
Thos. Hogg.  
Impatiens Sultana.  
Iris, in variety.  
Isoplepis gracilis, grass.  
Ivy, German or Parlor.  
English, hardy.  
English, variegated.  
Kenilworth, for baskets.  
Jasminum gracilimum.  
Grand Duke.  
Grandiflorum.  
Nudiflorum.  
Officialis.  
Poeticus.  
Revolutum.  
Justicia speciosa.  
Carnea pink.  
Coccinea red.  
Kenilworth Ivy.  
Kerria Japonica.  
Lantana, white, pink, yellow.  
Don Calmet, or Weeping.  
Note—New Weeping is slender, and an elegant winter-blooming trellis or basket plant.  
Lavender, fragrant.  
Leonotis leonurus.  
Leucanthemum maximum.  
Lobelia perniciosensis.  
Lobelia, Royal Purple.  
Barnard's Perpetual.  
Lopesia rosea.  
Mackaya bella.  
Madeira Vine, started.  
Mahonia odorata.  
Manettia cordifolia, rare.  
Bicolor, scarlet.  
Mandevillea suaveolens.  
Marguerite Daisy.  
Matrimony Vine, hardy.  
Chinese.  
Matricaria capensis alba.  
Mesembryanthemum spectabile (grandiflorum).  
Mexican Primrose.  
Meyenia erecta.  
Michauxia campanulata.  
Mitchella repens.  
Moneywort, for baskets.  
Muhlenbeckia compacta.  
Myrtus communis.  
Nicotiana, Jasmine scented.  
"Old Bachelor," scented.  
"Old Maid," scented.  
"Old Man," scented, hardy.  
"Old Woman," scented.  
Otaheite Orange.  
Peony, Chinese, in variety.  
Old-fashioned red.  
Palm, Latania borbonica.  
Passiflora coerulea.  
Constance Elliott.  
John Spaulding, varieg'd.  
Scarlet Hybrid.  
Peperomia maculosa.  
Peristrophe ang. variegata.  
[Note.—One of the finest variegated winter plants; flowers carmine; sure to bloom.]
- Petunia, double, fringed, in variety, named.  
Phalaris arundinacea.  
Phlox, perennial, white.  
Maculata, red.  
Pink, Cyclops.  
Old-fashioned.  
Pistee, mixed.  
Plumbago capensis alba.  
Coccinea.  
Coerulea.  
Pomegranate, Jas. Vick.  
Poppy orientale.  
Pottosporum tobira.  
Primula, Chinese, Fern-leaved to color.  
Chinese, Mallow-leaved to color.  
Veris, gold-laced.
- Ranunculus acris fl. pl.  
Rivinia hrmilis.  
Rocket, Sweet.  
Rose in variety.  
Rudbeckia laciniata fl. pl.  
Ruellia formosa.  
Russelia juncea.  
Salvia splendens, scarlet.  
New Scarlet.  
Patens, blue.  
Rutilans, new.  
Santolina Indica.  
Sarcocolla (Pitcher Plant).  
Saxifraga sarmentosa.  
Sea Onion.  
Selaginella, moss-like.  
Sedum, hardy, yellow.  
Sedum, for baskets.  
Acre, "Crownfoot."  
Senecio macroglossis.  
Smilax, Boston.  
Solanum azureum.  
Dulcamara, vine.  
Grandiflorum.  
Pseudo capsicum.  
Scutellaria pulchella.  
Spirea, Van Houtte.  
Prunifolia.  
Reevesii.  
Stapelia variegata.  
Stevia serrata.  
Serrate variegata.  
Strobilanthus Dyerianus.  
Anisophyllus.  
Swainsonia alba.  
Sweet William, in sorts.  
Thyme, variegated.  
Tradescantia multicolor.  
Variegata.  
Virginica.  
Zebrina.  
Tuberose, Double.  
Umbrella Tree.  
Veronica imperialis.  
Spicata.  
Verbena, Hardy Purple.  
Hybrida, in variety.  
Vinea, Hardy Blue.  
Variegated yellow.  
Harrisonii, marbled.  
Rosea, rose.  
Rosa alba, white.  
Viola, Double Russian.  
English Violas.  
Lady Helen Campbell.  
Mary Louise, sweet.  
Swanley White.  
Water Hyacinth.  
Weeping Willow.  
Weigela rosea floribunda.  
Yucca filamentosa.

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Send a stamp,  
Though your need be very slight,  
Even small as widow's mite,  
Send a stamp, send a stamp.

If an answer you would ask  
Send a stamp,  
Right need never wear a mask,  
Let the stamp be your first task,  
Send a stamp, send a stamp.

A stamp oft times you need not lose,  
Not a stamp,  
If Park's list you will peruse,  
And of its contents think and choose,  
And use a stamp, use a stamp.

Santa Cruz Co., Cal.

Marion Howard.

## EXCHANGES.

**NOTICE.**—Each subscriber is allowed three lines one time in twelve months. Every exchange must be wholly floral. Insertion not guaranteed in any certain month. Right reserved to exclude any exchange, or cut it down as the exigencies of space demand. All lines over three must be paid for at advertising rates.

May Gosser, Doyleville, Ky., will ex. Cacti, Fuchsias, Chrysanthemums and Lilies for Clematis, Tuberoses, Begonias, Gloxinias, Buttercup Oxalis, Palms.

Mrs. J. T. Huetter, Spokane, Wash., will ex. Iris and Syringas for Roses.

Mrs. W. H. Kelso, E. Gilead, Mich., has Asparagus and flower seeds to ex. for Hydrangeas and Begonias or bulbs.

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Mrs. E. W. Sherrill, Temple, Texas, will ex. French Cannas, Banana plants, Tuberoses, Tea Roses and other plants and bulbs for Callas.

Mrs. C. King, Machias, N. Y., will ex. Canterbury Bell seeds, Per. Phlox, Forget-me-not and Cactus for Acalypha tricolor, variegated or Ivy Geraniums.

Mrs. J. A. Johnson, Gypsum, O., will ex. Amaryllis, Oxalis, Jonquils, Nicotiana, Cacti and flower seeds for other house plants, slips or bulbs or choice seeds.

H. F. Crisler, Jackson, Miss., has Geraniums, Cacti, Oxalis, Daisies, Mosses and Pinks to ex. for Begonias, Palms or other nice pot plants.

Miss G. F. Terry, Air Point, Va., has Sagittaria Montevideensis and native Ferns to ex. for Begonias, Fuchsias and Cacti; don't write.

Mrs. R. H. Reid, Tusculum, Pa., will ex. Lily of the Valley for hardy plants and bulbs; write.

Edith Little, Machias, N. Y., has Geraniums, Cacti, Begonias, Wax Vine, Eng. Violets and Amaryllis to ex. for hardy Roses, Tuberoses Begonias or Gloxinias.

Miss Maude Henry, Stuart, Iowa, will ex. slips of house plants for other slips; don't write.

Mrs. Emeline Harrison, Burgay, Ill., will ex. Gay Widow Balsam flowers and many others.

Mrs. Geo. W. Masters, Ashland, Ohio, will ex. red Lilies for other hardy bulbs or shrubs.

Mrs. H. M. Van Boskirk, Frederic, Kansas, has Iris, Lilac and Yucca seed to ex. for other plants or bulbs.

Mrs. L. S. Newcomb, Willow Springs, Mo., has scarlet and Bermuda Freesias, Cannas, Oxalis and Day Lily to ex. for Phyllocactus albus superbus and bulbs.

Mrs. E. Gardner, Cove, Ore., will ex. Strawberry Plants and Ferns for Black, Spotted and Common Calla bulbs; need not write.

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**Artus**, a superb Tulip for either beds or pots; flowers large, bright scarlet, of fine shape, early and showy.  
**Cardinal's Hat**, rich dark red, blooming early; makes a gorgeous display in a bed, fine for pots.  
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**Arms of Leiden**, a lovely, graceful early Tulip; color white and pleasing red, bright and attractive.  
**Coeur Ponceau**, fine rose and white; every bulb shows a fine flower, admirable in form and color; early.  
**Bizar Verdiet**, orange-yellow with brown stripes; a beautiful, large, early Tulip.  
**Duchesse de Parma**, very large flower, fine orange with yellow edge. One of the finest.  
**Eleonora**, violet with white edge; of handsome form, early, and very attractive.  
**La Reine**, the best of white Tulips; large, very early, and sure-blooming either in pots or beds; one of the best.  
**L'Immaculee**, pure white, unsurpassed for either house or garden; a very beautiful sort.

All the above described Tulips, with **Park's Floral Magazine** for six months, mailed for only 15 cents. If you are already a subscriber please state the fact, and an extra bulb will be sent you instead of the MAGAZINE. If you get up a club an extra bulb will be added for each name you send besides your own. If you wish to plant a large bed of these choice Tulips I will send you 100 bulbs (10 of each kind) for \$1.00, or 50 bulbs (5 of each kind), without MAGAZINE, for 55 cents. Full directions for planting these bulbs to bloom successfully and effectively, either in garden beds or window pots will accompany the bulbs.

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**GEO. W. PARK, Libonia, Franklin Co., Pa.**

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**La Peppouze**, lovely porcelain blue; handsome spike; fine for beds.  
**La Reine des Hyacinthes**, rich dark red; a most beautiful new Hyacinth.

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**Blocksberg**, porcelain blue; very large, graceful truss.  
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